

**FY 2022-23
AMMF SHOP RATES**

rate per

Machine work	Academic	\$35	per hour
	Non-Academic	\$60	per hour
Waterjet	Academic	\$60	per hour
	Non-Academic	\$85	per hour
EDM	Academic	\$35	per hour
	Non-Academic	\$60	per hour
Micro-Milling Machine	Academic	\$50	per hour
	Non-Academic	\$100	per hour
Polyjet 3D print Model	Academic	\$0.45	per gram
	Non-Academic	\$0.70	per gram
Polyjet 3D print Support	Academic	\$0.13	per gram
	Non-Academic	\$0.20	per gram
3D print, staff run, FDM	Academic	\$18	per run
	Non-Academic	\$30	per run
3D Print PLA	Academic	\$0.05	per gram
	Non-Academic	\$0.08	per gram
3D Print PETG	Academic	\$0.06	per gram
	Non-Academic	\$0.09	per gram
Form 2 3D print	Academic	\$0.58	per ml
	Non-Academic	\$0.82	per ml
3D Print diy	Academic	\$35	per semester
	Non-Academic	\$60	per semester
Metal 3D Printing Mlab Cusing R	Academic	\$35	per hour
	Non-Academic	\$60	per hour
CL20ES (stainless powder) for Mlab	Academic	\$185	per kg
	Non-Academic	\$185	per kg
CL92PH (stainless powder) for Mlab	Academic	\$175	per kg
	Non-Academic	\$175	per kg
CL41TI (titanium powder) for Mlab	Academic	\$965	per kg
	Non-Academic	\$965	per kg
CL31AL (aluminum powder) for Mlab	Academic	\$150	per kg
	Non-Academic	\$150	per kg
X7 3D print Onyx	Academic	\$0.47	per cm3
	Non-Academic	\$0.71	per cm3
X7 3D print Carbon Fiber	Academic	\$5.96	per cm3
	Non-Academic	\$8.94	per cm3
X7 3D print Fiberglass	Academic	\$3.00	per cm3
	Non-Academic	\$4.50	per cm3
X7 3D print Kevlar & HSHF Fiberglass	Academic	\$3.96	per cm3
	Non-Academic	\$5.94	per cm3
Metal X print 17-4 stainless	Academic	\$1.30	per cm3
	Non-Academic	\$1.95	per cm3
Metal X print H13 / A2 tool steel	Academic	\$2.30	per cm3
	Non-Academic	\$3.45	per cm3
Metal X print Inconel 625	Academic	\$3.20	per cm3
	Non-Academic	\$4.80	per cm3
Sinter Metal X print	Academic	\$200	per run
	Non-Academic	\$275	per run
MELD L3	Academic-AuthUserOnly	\$60.00	per hour
	Academic-wStaffSupport	\$90.00	per hour
	Non-Academic	\$115.00	per hour
Inventory: Materials, Supplies, Consumables (i.e. end mills, drills, hardware, raw materials, etc.)		at cost	
Tools Available on Loan (i.e. hand tools, portable power tools, etc.)		replacement cost	
Professional Assistance (i.e. R&D, training, site visit, equipment installation, etc.)	Academic	\$30	per hour
	Non-Academic	\$55	per hour