

Machine Shop

The machine shop is fully equipped to design and build medical devices or modify existing equipment. Located at Princess Margaret, the shop charges for services at a very competitive rate compared to outside facilities. The facility is supervised by [Matthew Filleti](#).



Service Department(s): Research Communications

Services

- Manufacturing by: computer controlled machining, conventional machining, 3D printing, sheet metal and welding
 - Design by: Solidworks, and Mastercam. Virtually any design software can be accommodated
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Unique Capacities

3D printer in house, available for same day prints.

Available Equipment

- Computer numerical controlled (CNC) milling and lathe
 - Conventional machine shop tools
 - 3D Fused Deposition Modeling (FDM) printer from Stratasys
 - Tungsten inert gas (TIG), metal inert gas (MIG) and [ARC](#) welding
 - Sheet metal tools
 - Solidworks CAD software
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Using the Facility

- Open to academic and external users.
 - Shop staff can work to the researcher's specifications, or can carry out all the required engineering
 - Quotes can be provided
 - All projects will be charged to an approved functional cost centre
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Contacts

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Supervisor

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