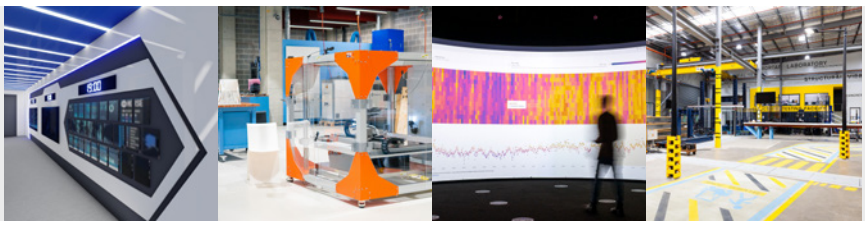


Advancing Australian Manufacturing

University of Technology Sydney major facilities, equipment and testing

May 2026

Forging the future

Pursue world-class manufacturing and R&D outcomes at UTS. Whether you are a manufacturer (large, medium, or small), a government agency, a manufacturing supply chain partner, or a research and development organisation, access specialist facilities and technical expertise to progress your project across the full manufacturing lifecycle.

Open for impact

At UTS, we take a partnership approach to industry growth, working with you to help your business address practical manufacturing challenges.

Take advantage of our advanced capabilities in:

- additive manufacturing
- automation and robotics
- data management and AI
- engineering design and prototyping.

Need to solve a manufacturing problem faster? UTS can help you test ideas, improve processes, and build capability. If it's not in this brochure, please ask us.

Email: partnerships@uts.edu.au **Visit:** uts.edu.au/for-industry

Major facilities, equipment and testing rates

Rates are indicative (ex GST) and provided to support your preliminary budgeting. Final pricing is subject to consultation.

Tech Lab

ADVANCED MANUFACTURING

With 25,000 sqm of floor space, Tech Lab is a leading industry-university manufacturing hub for space, robotics, telecoms and defence applications. Access advanced capabilities in additive manufacturing and autonomous systems, conduct testing and prototyping, and scale your manufacturing production outcomes in pursuit of commercial viability.

Facility	Details	Indicative Rates
Tech Lab workshop Ultimate access package Additional industry partner staff	Includes workshop and equipment, machinery inductions and technical support for project and parts manufacturing.	$3,200/week $900/week
Tech Lab one-off usage – Stage one induction – Lathe induction – Mill induction – Welding induction	Induction fees are applicable only for the first-time use of specific machinery and equipment.	 $600 $850 $850 $650
Tech Lab workshop access and equipment usage	Usage fees are charged based on actual hours used or a daily rate.	$120/hour $800/7 hour day
Tech Lab technical workshop staff – Manufacturing industry partner project parts – Engineering design support and mentoring for manufacture standards	Technical staff rates vary depending on the type of service required. Opt for different services and access levels based on your needs.	 $170/hour $300/hour
Antenna Chamber	Covers 700MHz to 50 GHz for NSI near- and far-field measurements.	From $3,000/day
Acoustics Lab	Includes reverberation room, sound transmission suite, hemi-anechoic chamber, full anechoic chamber. Measure acoustic performance of materials, structures, products and devices.	From $1,650–$3,900/day per room. Variable rates include access to specialist facilities, equipment and supporting infrastructure.
Civil and environmental engineering facilities	Access structural testing floor, UTM + actuator usage, materials property lab and more.	From $500–$2,250/day, depending on facility. May also require operator training and/or UTS staff involvement.
4.0 Algae Test Lab	Trial, explore and showcase industry 4.0 technologies and processes.	From $1,500/day
Vibration Research and Testing Facility	Engineer product performance and durability.	From $1,500/day
Universal testing machine (UTM)	Testing uniaxial load in tension and compression in a confined load frame.	$100/hour of usage, min. 4 hours including pre and post testing.
UTM induction	Operator training session.	$250/hour (max 2 staff, typically 4 hours).
UTM testing	Setup and evaluation by UTS staff.	From $150–$200/hour depending on testing complexity.

Rapido

ENGINEERING AND IT SOLUTIONS BUILT FOR INDUSTRY

R&D engineering and technology solutions for industry and social impact with commercially competitive rates and IP arrangements. Access mechatronic, software and UX experts to support the development of practical, high-impact solutions.

Personnel	Details	Indicative Rates
Professional technology and engineering experts	Commercial expertise in mechatronic engineering, software, UX, digital solutions and research translation.	Engagements typically range from AUD $75,000 to $500,000. Projects will be scoped and quoted upfront and funding schemes leveraged where eligible.

Rapido

The Vault

The Vault

DoD-COMPLIANT SECURE FACILITY

This purpose-built, 900sqm secure facility supports confidential projects, including those in the manufacturing space. Benefit from 24/7 secure access and a live security operations centre for testing and validation of specialist technologies. Receive support from security-cleared engineering personnel and access workspaces and meeting rooms that meet Zone 3 and 4 Australian PSPF requirements.

Facility	Details	Indicative Rates
Zone 3 workspace **6, 11, 12 or 16 seats**	Independent-use pod that meets Zone 3 Australian Security standards.	From $2,480/month*
Zone 4 workspace **6, 8 or 14 seats**	Independent-use pod that meets Zone 4 Australian Security standards.	From $2,520/month*

* Depending on number of seats and lease duration (3–24 months).

Email: partnerships@uts.edu.au Visit: uts.edu.au/for-industry

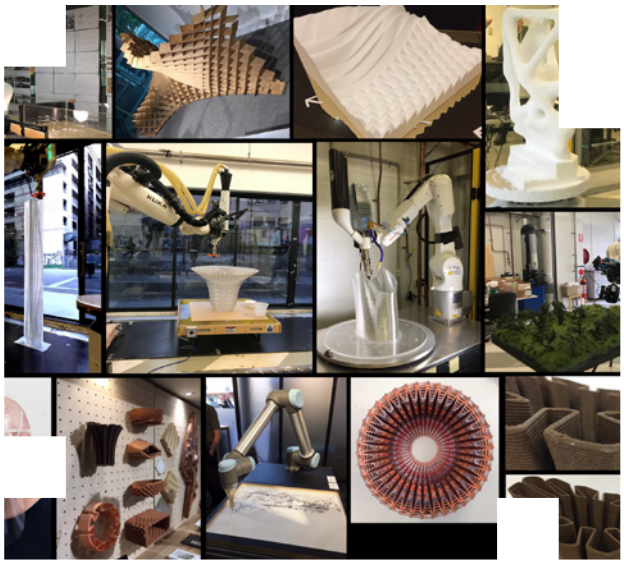
Advanced Fabrication Research Lab

CUSTOM FABRICATION

Produce artefacts and prototypes and push the limits of innovation with digital fabrication, advanced manufacturing, digital tools, software and robotics.

Equipment	Details	Indicative Rates
Kuka KR10 and KR120 robotic arms	High precision for complex and intricate fabrication, automated processes, 3D printing and repetitive collaborative tasks. A variety of end effectors are available to enable high precision advanced fabrication tasks.	$45.50–$156.00/hour plus technician support at $104/hour
UR10 collaborative robots	Trolley mounted and mobile for simple tasks to demonstrate advanced fabrication methods. Available end effectors include 3D printing, pick and place, drawing.	$49.40/hour plus technician support at $104/hour
4 Axis CNC routers	CAD-enabled computer-controlled cutting machine for precise carving, cutting and shaping of various materials.	$84.50/hour plus technician support at $104/hour
Shima Seiki SWG 154-XR15L WHOLEGARMENT® Knitting Machine	Creates seamless, three-dimensional knitted structures for innovative textile designs.	$117/hour plus technician support at $104/hour
Hololens2 headsets	Mixed-reality immersive visualisation and interaction with digital models in real-time.	Technician support $104/hour
Faro Focus 3D Scanner **Artec LEO 3D Scanner** **Einscan Pro X2 Scanner**	Large-scale exterior scanner Mid-scale scanner Small-scale scanner	$200/hour, including technician

Advanced Fabrication Research Lab



ProtoSpace

ProtoSpace

ADDITIVE MANUFACTURING + 3D TECHNOLOGIES

This advanced additive manufacturing facility has been purpose built to support Australian Industry 4.0 development. With a range of 3D printers and scanners, ProtoSpace enables concept generation, rapid prototyping, testing and production activities for partners across the manufacturing ecosystem.

3D printing is subject to formal quotation. Costs are highly dependent on the design complexity, build time, tolerances, post-processing requirements and material selection.

Equipment	Details	Materials
3D printers:		
Stratasys F270	Reliable industrial FDM printer for functional prototypes and shop-floor tooling.	ASA (with soluble support)
Stratasys 450MC	Large-format FDM printer for high-strength, production-grade and aerospace plastic parts.	ASA (with soluble support)
Stratasys J750	Full-colour, multi-material printer for ultra-realistic visual and medical prototypes.	Vero and Agilus
FormLabs	High-resolution resin printing for detailed, smooth and precision parts.	Clear, Tough 1500, Rigid 10k Elastic 50A and 80A
BigRep One	Large-scale FDM printer for very large single-piece prototypes and moulds.	PLA
Markforged X7	Composite printer for extremely strong, lightweight carbon-fibre-reinforced parts.	Onyx (with optional carbon fibre at a higher cost)
Markforged MetalX	Metal 3D printer for low-volume metal parts without laser powder systems.	Stainless, Copper, Inconel and Tool Steel
HP MHF 5200	High-speed industrial printer for batch production of end-use plastic parts.	PA12

Equipment	Details	Indicative Rates
3D scanners:		
Artec Leo 3D	3D scanning larger object ~400mm.	$200/hour
Solutionix C500	3D scanning smaller objects (10mm-300mm).	$200/hour

Other UTS manufacturing capabilities

Biologics manufacturing

Accelerate biotech innovation in Australia's first Good Manufacturing Practice-like environment.

- Full-suite bioprocessing equipment; lab-to pilot-scale capabilities.
- Sandbox environment for development and scale-up activities.
- Process development, manufacturing and analytical contract services.

Explore the UTS Biologics Innovation Facility

AI, data science and analytics

Drive digital manufacturing innovation with expert support from the Data Science Institute.

Explore the UTS Data Science Institute.

Robotics and autonomous systems

Streamline manufacturing activities through the integration of field, collaborative, human-centred, asset management and assistive robotics.

Explore the UTS Robotics Institute

Electrical power and energy systems

Access off-grid, grid-connected and microgrid technologies and renewable and hybrid energy storage systems for testing and integration activities.

Explore the Electrical Power and Energy Systems (EPES) Lab

Data visualisation

See your project in 3D with immersive data visualisation and environment simulation activities.

Explore the UTS Data Arena

Other

Explore the UTS Centre for Advanced Manufacturing or view UTS research centres by faculty.

Biologics Innovation Facility

Contact us

Engage with UTS to support your next generation manufacturing outcomes. Contact our team to explore collaboration opportunities, visit our facilities or request a quote.

Email: partnerships@uts.edu.au
Visit: www.uts.edu.au/for-industry

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