



## The Architectural Association

<b>ROLE:</b>	Junior Prototyping Technician
<b>Salary:</b>	£26,000 to £27,500 (pro-rata to £13,000 to £13,750 per annum)
<b>Location:</b>	London – Bedford Square
<b>Department:</b>	Digital Prototyping Lab (DPL)
<b>Reporting to:</b>	Head of Digital Prototyping
<b>Starting Date:</b>	23 <sup>rd</sup> April 2025
<b>Contract Type:</b>	Permanent
<b>Hours of work:</b>	Part time; 17.5 hours Tuesday, Wednesday and Thursday: 4pm to 8pm Saturday: 10am to 4pm.

### Role Overview

The Digital Prototyping Lab (DPL) is seeking a Junior Prototyping Technician to help manage the day-to-day operation of the lab. Responsibilities will include: operation and maintenance of digital prototyping equipment, supervision of students using the lab, assistance and advice in digital fabrication and model-making techniques.

We are seeking an individual who is creative and willing to join in the experimental nature of the AA's learning environment. The successful candidate will be a first point of contact for students and must have great communication skills, a problem-solving nature, and a strong sense of responsibility for the workspace and its relevant health and safety requirements.

### Main Responsibilities

- Assist students with general 3D and 2D modelling questions in Rhino
- Teach students how to prepare files for laser-cutting and how to operate the machine
- Teach students how to prepare files for 3d printing and how to operate the machines
- Teach students how to prepare files for CNC milling and how to operate the machine
- Perform basic maintenance tasks on DPL equipment
- Aid in the general day to day of the DPL (selling material, preparing tutorials, helping students)
- Follow and enact the DPL's Health and Safety policy
- Oversee the operation of the DPL when in the absence of other technicians
- Teach students how to use the 3D scanner and how to work with the output files
- Teach students how to prepare files and how to use the waterjet cutter
- Work closely with the DPL team and the student assistants

The above list of job duties is not exclusive or exhaustive and the post holder will be required to undertake such tasks as may reasonably be expected within the scope and grading of the post.

**All staff must:**

- Comply with all legislative and regulatory requirements (e.g. Finance, HR, Health & Safety)
- Adhere to the requirements set out in the AA Code of Behavioural Expectations and other institutional policies.

**Person Specification**

To apply for the position of Jr. Prototyping Lab Technician the following knowledge and skills would be advantageous:

**Essential**

- Working knowledge of Rhino 3D software
- Knowledge of file preparation and running of 3D printing equipment
- Knowledge of file preparation and running of laser cutting equipment
- Good communication skills
- Experience of supervising students in a higher education environment
- Excellent organizational skills
- Ability to liaise with students and staff across simultaneous projects
- Ability to conduct equipment maintenance
- Experience working in a variety of materials and making processes

**Desirable**

- Experience with SLA and SLS printing.
- Experience with Magics software.
- Knowledge of digital file preparation and running of 3 axis CNC machines
- Experience in model making in a professional or higher education environment.

Creative thinking and problem-solving are essential skills for AA employees. Ideal candidates will be high-energy individuals and team players.