

Description and Person Specification
Academic/Professional Services Staff

Job title: Lecturer in Technical Skills in Architecture 0.4

Department: Architecture and Built Environment

Pay Band: 5

Line Manager: Course Leader BA(Hons) Architecture / Course Leader BA(Hons) Interior Architecture and Reuse

Role Purpose:

The Lecturer in Technical Skills in Architecture role will contribute to the high-quality teaching in a studio-based environment, related to architectural skills to students across different pathways and stages (from foundational to individual research-led), with the aim to enhance the core delivery of the courses in the department. They will work closely with the Course Leaders and the architectural teaching team to develop a clear and structured student learning journey related to representational and technical skills as students' progress.

The Lecturer in Technical Skills in Architecture will take on a variety of responsibilities across the different levels of the courses ranging from classes, demonstrations, workshops, focus session, training and 1-1 support. The role will engage with studio-based teaching and learning activities within the department and be involved with assessment, feedback and moderation processes of student work. Although this role will not be responsible for direct curriculum enhancements, they will have a contributing role toward developments within the department related to digital and physical technical skills and will be a key team member to help bolster the digital and physical design skills of students in the department.

They will combine their knowledge of specialist skills related to the subject of architectural representation alongside teaching pedagogies and methodologies to support students' representational techniques and presentation. The role may also involve with outreach activities to engage younger students interested in pursuing an architectural pathway through representational workshops.

The Lecturer in Technical Skills in Architecture will draw on their expertise in digital and physical representation and support the architectural team within the teaching and learning, offering students the chance to learn cutting edge design and making skills, working across a range of tools and workflows. These skills will support students to augment their creative ideas through a variety of media in preparation for future employment.

Duties and Responsibilities:

- Contribute to learning and teaching of architectural education, delivering high-quality content that meets the ambition of the department and university
- To design and re-design technical skills and representational content, including practical workshops, bringing together physical making, digital technology and creative content in ways that enable students to respond creatively and critically using a variety of media
- Develop studio-based activities for timetabled sessions for students across the different pathways within the department
- Prepare, deliver and make accessible online learning resources that support software learning, utilising creative pedagogical approaches
- Develop an equitable and inclusive environment that meets the needs of individual and diverse learners on our courses
- Provide technical support to students through a range of different formats from workshops, demonstrations through to 1-1 technical support
- Upskill student's digital literacy and ability to work with digital tools to enhance their ability to design, collaborate, communicate, experiment and simulate through the application of different tools
- Engage with assessment, feedback and moderation processes, as required within the department across different levels
- Identify areas within the provision that benefit from revision or enhancement, working with the team to implement change
- Support students to work fluidly between hand-drawn, digital, and hybrid techniques.
- Supervise and monitor students in the studio, workshop or other settings in a safe and equitable manner
- To engage with a range of digital and physical equipment, including those related to the Prototyping Workshop and the Centre of Excellence and Emerging Technologies such as, 3D printing, VR and AR, and digital scanning

- Support the department of architecture with the installation and presentation of work for the end of year showcase, to celebrate student's achievements to external audiences and stakeholders
- Engage with outreach activities, developing workshops and demonstrations for students interested in an architectural pathway
- Collaborate with the architectural team and industry partners to establish activities to enhance a 'learning with industry' environment
- Support students to enhance their portfolios and increase opportunities to network with industry to enhance employability
- Perform such other duties consistent with the role as may from time to time be assigned, collaborating fully with others to get the job done and to Ravensbourne's objectives
- Contribute to the enhancement of the progression and retention of students to help bridge the skills gap between levels.

Other

- Demonstrate an understanding of Ravensbourne's values, culture and educational ethos and promote these through everyday practice in the role
- Work within Ravensbourne's Code of Conduct and other Rules
- Comply with all legislative, regulatory and policy requirements (e.g., Finance, People & Culture) as appropriate
- Carry out the policies, procedures, and practices of Health & Safety in all aspects of the role.

Key working relationships (i.e. titles of roles, both internally and externally, with which this role holder interacts on a regular basis):

Architecture management and teaching team

Course Leaders

Head of Department

Access and Participation Team

Estates and Facilities

Outreach

People and Culture

Teaching and Learning Community

Resources Managed

Budgets: N/A

Staff: N/A

Other: General maintenance and upkeep of the studio spaces and resources allocated to the Department of Architecture to support an accessible and inclusive environment for students.

Person Specification

The ideal candidate for this position is someone who has a background in architecture or related design subject, with strong representational skills across hand-drawing, digital design and model-making, who is organised and personable.

- Knowledge of current trends related to software and digital tools utilised in the built environment industry
- An understanding of current architectural practice and issues impacting the built environment, more generally
- An ability and interest to acquire new skills and develop ideas in collaboration with others, including those within the team and university
- A keenness to work with others and contribute to enhancing student's knowledge and skills within a Higher Education environment
- Excellent inter-personal skills and highly motivated to maintain positive communication, transparency and organisational skills to support the department.

<u>Knowledge and Experience</u>	Essential	Desirable
Education A Masters degree in a related discipline such as architecture or design/making discipline. Evidence competence in architectural design or similar, with experience at a range of scales and complexities. Teaching qualification e.g. PGCert	X	X
Professional qualifications/experience Familiarity with and knowledge of RIBA/ARB requirements of professional architectural education or equivalent. Demonstrable experience in physical prototyping and making to a high-standard, utilizing a range of materials and production methods – modern and traditional	X	X

Demonstrable experience across a range of relevant software tools, including 2D and 3D CAD, as well as traditional and real-time rendering techniques. Hands-on technical experience with advanced tools such as robotics, AR/VR and design/engineering.	X	X
Higher Education knowledge Evidence of the ability to supervise the development of student work at different levels within a Higher Education context as appropriate to the role. Experience of devising and teaching technical skills at different levels within Higer Education informed by qualities required in architectural practice. Experience in using Virtual Learning Environments to support students learning and their journey.		X X X
Technical skills Knowledge of current and cutting-edge tools used by industry to design, procure and deliver buildings. Proactive in personal development related to technical tools. Hands-on approach to disseminating technical information to others in a digestible and engaging way.	X X X	

Core Personal skills abilities and behaviours	Essential	Desirable
Collaboration Experience of working positively within a team, in an academic or industry-relevant context to meet defined goals. Evidence of working collaboratively to timeframes to get the job done to meet outcome-driven targets. A demonstrable approach to supporting student success and experience.	X	X X
Equality, Diversity & Inclusion Experience of working in an environment where equality, diversity, and inclusivity are central to delivery and day-to-day activities. Experience of dealing with diverse issues and managing diverse cohorts of individuals. A demonstrable approach to placing student wellbeing and pastoral care at the centre of work undertaken.	X	X X

<p>Communication Ability to communicate in a range of environments within academic and professional settings, including verbal and written contexts.</p> <p>Experience of working with students in group and individual settings to deliver different outcomes and manage expectations. Fluency in English, both written and spoken.</p> <p>Empathy and patience to work with individuals from diverse backgrounds and educational context.</p>	<p>X</p> <p>X</p> <p>X</p>	<p>X</p>
<p>Organisational Values Demonstrates a commitment to delivering positive organisational values.</p>	<p>X</p>	
<p>Reflective Practice Ability to critically reflect on tasks in order to develop aligned to the wider ambitions of the department.</p> <p>Demonstrable ability to share knowledge and ideas with the team and welcome reflections from others.</p>		<p>X</p> <p>X</p>

This Job Description may be reviewed, and duties amended aligned with Ravensbourne’s requirements, any changes will be made in collaboration with the postholder.

Our Values

Connection: We value what happens together and we collaborate to achieve our collective goals.

Dynamism: We embrace every opportunity to adapt and optimise.

Inclusion: We celebrate our diversity, and we embrace difference as a source of strength.

Professionalism: We aim for quality in everything we do and take pride in our work.

