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| **Position Title**  | Senior Technical Officer – Remotely Piloted Aircraft Systems |
| **Classification**  | Level 7 |
| **School/Division** | College Services |
| **Centre/Section** | Technical Services |
| **Supervisor Title**  | Senior Manager (Technical Services) |
| **Supervisor Position Number**  | 320020 |
| **Position Number** | NEW |

**Your work area**

College Services provides academic administration and technical support services to the University’s schools, including Heads of School, academic staff and research students. The team is committed to providing effective and efficient services in support of the Schools’ and University’s strategic objectives, with a focus on continuous improvement and best practice.

**Technical Services** provides discipline specific, applied knowledge and skill sets to support UWA’s teaching and research goals in unison with our academic staff. This team of practitioners is focused on high performance outcomes, compliance and contributing to a pragmatic safety culture via the implementation of safe systems of work. The team operates across a broad portfolio including teaching, fieldwork support, laboratory management, instrument/equipment stewardship, research training/design/optimisation and analysis, program coordination, and workshop design, manufacture and repair.

The Remotely Piloted Aircraft Systems (RPAS, or “drones”) are now widely used across the research, teaching and other operational portfolios of the University. This role will provide compliance oversight and assist with operational use of drones as part of university activities and on university property. This role will work under UWA’s existing Remotely Piloted Aircraft Operations Certificate (ReOC), and ensure operations are within Civil Aviation Safety Authority (CASA) regulations

**Reporting structure**

Reports to: Senior Manager, Technical Services.

**Your role**

As the appointee you will, under broad direction, provide high-level technical expertise, guidance, and support to academics in the use of drones across teaching, research, and operational activities.

**Your key responsibilities**

Apply an extensive and in-depth knowledge base to provide authoritative advice to academic staff with the planning and design of practicals and research projects.

Demonstrate, develop and optimise techniques and supervise others in the operation of specialist equipment and instrumentation to support teaching and research.

Train staff and students in protocols, procedures, techniques, methodologies and relevant analytical techniques.

Review and devise operational procedures and processes, maintaining detailing records of protocols, procedures, techniques, methodologies and datasets.

Oversee, develop and implement localised safe systems of work for all staff and students, conduct reviews, supervise and assist with the provision of safety training and expert advice for the work area in relation to the risk profile.

Oversee the modification, maintenance and servicing program for equipment, instrumentation and materials to ensure compliance in accordance with relevant policies, guidelines and procedures.

Oversee, the procurement of small equipment, consumables and materials needed for teaching and research outcomes.

Provide authoritative advice to inform business cases for additional resources, such as large equipment/instrumentation purchases.

Ensure compliance for the work area with any regulators, licencing agents and governing bodies.

Provide stewardship for the work area/facility and all teaching and research commodities held.

Ensure all teaching and research activities are within and promote established safe systems of work at UWA.

Other duties as directed.

**Your specific work capabilities (selection criteria)**

Relevant tertiary or technical trade qualifications or demonstrated equivalent competency.

Current CASA Remote Pilot License (RePL) for <25kg Multirotor, <7kg Fixed Wing, and <7kg Powered Lift (Vertical Take-off and Landing – VTOL), or the ability to obtain these licenses.

Aviation Radio Operators Certificate (AROC) is also required.

Extensive relevant technical experience at an appropriate level.

Highly developed written and verbal communication skills, including the ability to consult and negotiate with a broad range of stakeholders.

Highly developed organisational skills and demonstrated ability to set and deal with conflicting priorities to meet deadlines.

Proficiency in a range of computing skills including word processing, spreadsheets, databases, email on online/internet based systems.

Ability to work independently, show initiative and manage a team.

Demonstrated ability in implementing a range of policies and procedures to support teaching and research from a technical and scientific perspective.

**Special requirements (selection criteria)**

Able to fit the physical requirements of the position.

Some after-hours work may be required.

**Compliance**

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including:

The University’s Code of Conduct [hr.uwa.edu.au/policies/policies/conduct/code/conduct](https://www.hr.uwa.edu.au/policies/policies/conduct/code/conduct)

Inclusion and Diversity [web.uwa.edu.au/inclusion-diversity](https://www.web.uwa.edu.au/inclusion-diversity)

Safety, health and wellbeing [safety.uwa.edu.au/](https://www.safety.uwa.edu.au/)