JOB DESCRIPTION
Technician, Psychology

Job Title: Technician	Grade 5/6S

Department/College:	Psychology

Directly responsible to:	Facilities & Technical Resources Manager

Supervisory responsibility for:	N/A

Other contacts
Internal:
All Psychology Department staff, post-graduate (PhD and Masters) students, undergraduate and Masters project students. Staff from across the Faculty of Science and Technology, and from University central services, including central Information System Services (ISS).

External:
Suppliers / vendors of materials, parts, spares, and consumables etc.

Major Duties
Working as a member of the technical support team, the post holder will:

- Provide technical support for Psychology's wide range of research, teaching and other activities; including supporting both MAC and PC platforms.

- Advise on the suitability of technical based systems that will support the staff and students of the department in their research and teaching.

- Write new code, and provide support for existing code for experimental psychological research (i.e., E-Prime, MatLab, Python, etc) for staff and students within the department and provide guidance / training in the use of such outputs.

- Configure laboratory / experimental research stations including integrating control computers, laptops, and bespoke software with purpose-specific technologies (i.e., eye-trackers, psychophysiology, Electroencephalography (EEG), Transcranial magnetic stimulation (TMS), functional Near Infra-red Spectroscopy(fNIRS), etc) to facilitate ambulatory and event-related protocols. Also to maintain and support these systems.

- Carry out assessment, calibration, fault diagnosis and testing of electronic equipment when required and undertake installation / configuration of new equipment and software.

- Support staff and students in the use of technical teaching equipment and AV equipment.

- Administer online systems used by the department such as: the participant recruitment SONA system, Linux R server, Pavlovia online experiment system.

- When requested, consult with academic staff to support their technical needs / requirements, specific to both planned research projects and teaching.

- Undertake installation, maintenance, support and development of research-based technologies including but not limited to; 3D design & printing, custom electronics.

- Support the implementation of Departmental strategy and operational activity within the scope of the post.

Other Duties

To undertake any other duties appropriate to the grade of the post as and when required by the Line Manager, Head of Department or his/her nominated representative.

Job descriptions may be periodically reviewed and revised to reflect the evolving and varied needs of the Department.