

Position Title	Senior Technical Officer - Mechanical
Classification	Level 8
School/Division	Campus Management
Centre/Section	Campus Planning
Supervisor Title	Principal Engineer (Building Services)
Supervisor Position Number	315699
Position Number	321536

Your work area

Campus Management is responsible for planning, developing and managing the University's campus and property portfolio to support teaching, research and campus life. Campus Management delivers a comprehensive range of University-wide services.

Reporting structure

Reports to: Principal Engineer

Your role

As the appointee you will, under broad direction, provide a high level of mechanical services for the University and liaise with University stakeholders, external consultants and contractors to oversee mechanical upgrade projects. You will also be required to overview the safety and adequacy of the Campus mechanical infrastructure, including its centralised chilled water network, and provide back-up response during critical incidents.

Your key responsibilities

Provide mechanical services technical evaluation and advice, including for associated services such as building management systems and hydraulic services

Manage mechanical and associated services across a wide range of campus facilities, including regional sites as required

Monitor the University's campus chilled water system and building mechanical services

Liaise with consultants and take a lead role in the preparation and revision of the Infrastructure Strategy for mechanical services. Ensure mechanical services projects are aligned with the Strategy.

Manage and monitor the mechanical services component of capital, minor works and lifecycle renewal projects including preliminary scoping, design and cost review and site inspections as required, in consultation with Capital Projects team

Manage and monitor the mechanical services component of maintenance projects, in consultation with the Operation and Maintenance team

Lead and supervise contractors for relevant projects

Assist the Engineering and Sustainability team with the monitoring of energy use and delivery of energy projects.

Attend critical incident under the direction of the Principal Engineer

Other duties as directed

Your specific work capabilities (selection criteria)

Relevant tertiary qualification or demonstrated equivalent competency

Extensive knowledge and application of AS 1668 (Mechanical Ventilation and Air-conditioning) and ASHRAE Standards

Substantial knowledge of operation of centralised chilled water system, including high voltage chillers and thermal storage

Substantial knowledge of building management systems and hydraulics services (e.g., process water cooling)

Practical knowledge of energy management, specifically energy efficiency standards and thermal metering and monitoring

Substantial knowledge of computer applications used in mechanical engineering

Excellent verbal and written communication skills

Ability to work independently, show initiative and problem solve

Experience in a tertiary education or similar environment is desirable

Special requirements (selection criteria)

Some afterhours work may be required in the case of critical incidents

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

Inclusion and Diversity web.uwa.edu.au/inclusion-diversity

Safety, health and wellbeing safety.uwa.edu.au/