
University of Newcastle Nuclear Medicine Education Facility

The University of Newcastle is a leader in Nuclear Medicine Education that provides valuable training in treating a variety of injuries or diseases. To do this, nuclear medicine technicians use a mix of progressive medical imaging technology and short half-live radioactive chemical compounds, also known as radiopharmaceuticals.

In order to meet the current and future demand for Nuclear Medicine Education, the University embarked on an expansion of its teaching laboratory facilities. This project was a key component of this and involved the conversion of an existing classroom and storeroom into a new radioisotope laboratory in conformity with Laboratory Design and Construction, Safety in Laboratories series and the Building Code of Australia.

The works consisted of electrical services, data services, audio-visual services, fire detection and monitoring, security monitoring systems, hydraulic services, compressed air supply, air-conditioning and ventilation system, internal wall linings, modifications and addition of internal masonry walls, new doors, aluminium frame and glazed walls, automatic curtains, overhead demonstration mirrors, new floor vinyl, shelving, and new ventilation exhaust ducts were provided externally up and above the roof.

Strict tolerances, critical pressure sealing of the rooms as well as lead lining, working around an operational University and hazardous materials including asbestos structure were all completed without disruption to the University.

Kane Constructions Pty Ltd
kane.com.au

Client

University of Newcastle

Consultants

Scientific Interiors

Location

New South Wales

Value

\$1M