

As part of my micro and precision engineering, medical engineering course at the University of applied sciences Munich. I am required to carry out an internship of 20-week duration. At the R Perth Hospital, I took part in day to day duties with the Biomedical Engineers. They ensure efficient and safe operation by maintaining and repairing equipment in accordance with manufactures/ Australian Regulations.

R Perth Hospital is Western Australia's Premier Teaching Hospital.

One of the most important departments in the R Perth Hospital is the Medical Physics Department. The department was established a comprehensive engineering and physics service to all clinical areas of the hospital.

The Technical Service Division of the Department provides a comprehensive equipment management and support service to all clinical departments.

This means equipment selection, installation, calibration, maintenance repair, modification and staff education. Technical Services is divided into two sections: mechanical and electronics. I completed my work experience training in the workshops of the electronics department.

In the electronics workshop I observed the maintenance and repair of equipment. I also visited various departments within the hospital with the technicians to see how they carried out their work. I visited departments such as the Intensive Care Unit, Coronary Care Unit, The Eye Clinic, Neurology and Microbiology. I also worked independently repairing and maintaining equipment like warming units, respiratory humidifiers etc. One of my other projects was stock taking.

I also did administration tasks included answering the phone, delivering mail and processing purchase requests.

It was a pleasure for me to work in the Medical Physics. I gained a lot of knockledge. I also had the chance to experience a wonderful work environment.

I met very helpful, nice and openminded people in Australia especially in Perth,WA.