Careers Information

This fortnight’s edition of Guidance and Careers Matters has information about careers in the construction industry, health care and food service, as well as information about a new government cybersafety website and help button. This fortnight’s career in focus is a medical imaging technologist.

Careers Information

Construction careers


Parts of this website are under construction, however the following sections are useful:

- **About:** Wages and industry information
- **Career planning:** Job information sheets, aptitude quizzes, pathway charts and stories of people working in the construction industry.
- **Videos:** Videos of construction jobs
- **Links:** Website links to professional and industry associations.

Explore jobs in health care, construction and food service
The Right Choices website at http://www.maketherightchoice.com.au/index.html has information on jobs and training in the healthcare (child care, aged care, allied health), construction carpentry, plumbing, electrician) and food service (food and beverage, kitchen operations) industries.

**Other Local Supports and Information**

**Cybersafety website launched**

Crackers the clown and Shifty Shane are just two of the characters Queensland school students will meet in a new interactive quiz designed to highlight potential online dangers. The joint Telstra and Queensland Government project aims to equip middle school students with the skills to keep safe online. The Meet the creeps cybersafety website will help heighten parent and student awareness of online scams, social media pitfalls and cyberbullying.

Parents and students can access the website here:  
http://www.creepquiz.eq.edu.au/

**Cybersafety Help Button Download page.**

The Australian Government's Cybersafety Help Button provides internet users, particularly children and young people, with easy online access to cybersafety information and assistance available in Australia. It offers counselling, reporting and educational resources to assist young people deal with online risks including cyberbullying, unwanted contact, scams and fraud, and offensive or inappropriate material.

The help button is a free application that is easily downloaded onto personal computers, mobile devices, and school and library networks.

The download page is available here:  
Career in focus

Medical Imaging

www.jobguide.thegoodguides.com.au

What qualities do you need to be Medical Imaging technologist?

- aptitude for science
- able to work accurately
- able to work as part of a team
- eye for detail
- enjoy helping people

Duties and tasks of a Medical imaging technologist:

Medical imaging technologists operate X-ray and other imaging equipment, such as Magnetic Resonance Imaging (MRI) and Ultrasound, to produce radiographic images that are used in the diagnosis and subsequent management of disease or injury.

Medical imaging technologists may perform the following tasks:

- receive and interpret requests from medical practitioners for X-ray examinations to be performed on patients
- determine the appropriate imaging techniques to provide doctors with diagnostic information
- calculate details of procedures (such as length and intensity of exposure to radiation) and settings of recording equipment
- explain procedures to patients and address any concerns they have about radiation processes
- ensure patients undergo the correct preparation for the procedure
- correctly position the patient and imaging equipment to obtain the best image of the area being examined
- ensure the patient's welfare during the examination, particularly their exposure to radiation
- develop the X-ray films
- inspect images to determine if any further views are necessary
- operate special equipment such as fluoroscopy equipment (which gives a moving image of the part being examined), angiography equipment (which gives images of blood vessels) and computed tomography (CT) equipment (which gives cross-sectional images of the body).

Courses/Qualifications

You will need to complete a Bachelor Degree in Medical Imaging or Medical Sonography.

QTAC Courses from 2013 QTAC guide:

B Medical Imaging, CQU, OP 8 Rank 85 Mackay Campus

B Medical Sonography and Graduate Diploma of Medical Sonography, CQU, OP 4 Brisbane Campus or OP 8 Mackay Campus

B Medical Imaging Science, QUT, OP 2 Rank 98 Gardens Point Campus

School subjects that may relate to medical imaging technology, or be helpful:

Maths, English, Physics, Biology, Science

(Please note that you can still study Medical Imaging without studying some of these subjects, refer to individual providers for further details)
Information in this bulletin was gathered from a variety of sources including publicly available websites, institutional and organisational newsletters, student and career advisers and guidance officers. Every effort has been made to ensure the information provided is accurate and up-to-date at the time of publication. Check individual organisation websites for current information.