



# Dental Nursing Australia

## SHORT COURSE DENTAL RADIOGRAPHY



### **Dental Radiography units: towards the Certificate IV in Dental Assisting**

The following three (3) units of competency are required for work in Dental Radiography:

HLTDA410D Apply the principles of radiation biology and protection in dental practice  
(Note pre-requs: HLTIN301C, HLTIN302C, HLTWHS300A)

HLTDA411D Prepare to expose a prescribed dental radiographic image  
(Note pre-requs: HLTIN301C, HLTIN302C, HLTWHS300A)

HLTDA412D Produce a dental radiographic image  
(Note pre-requs: HLTIN301C, HLTIN302C, HLTWHS300A)

These are the National Registered units and require either Certificate III in Dental Assisting or part completion of the Certificate III in Dental Assisting as a Pre requisite.  
You would receive a Certificate: “Statement of Attainment” for these units once achieved.

Please note: you would require to complete the core units to successfully complete the full Certificate IV in Dental Assisting.

### ***AIM OF THE COURSE***

To instruct the student in the safe and effective use of x-radiation under the direction of a Dental Surgeon.

## ***OBJECTIVES OF THE COURSE***

On the successful completion of the training programme the student should be able to:

- Expose intra-oral radiograph to a standard that ensures that optimum radiographic images are produced.
- Process, mount and file intra-oral radiographs in order that their diagnostic yield is maximised.
- Correctly identify technical faults and their likely causes
- Demonstrate an understanding of the potential hazards of exposure to radiation and to practice a high standard of radiation hygiene.
- Recognize and identify normal radiographic anatomy
- Maintain infection control throughout all practical procedures

## ***TRAINING PROGRAMME INFORMATION***

The training programme has been designed to build upon the skills of a qualified Dental Assistant.

Recognized Training Programme in Intra-Oral Radiography covers nine main topic areas:

|         |   |
|---------|---|
| Topic 1 | The Use and Production of X-rays in Dentistry |
| Topic 2 | Radiation Biology and Protection              |
| Topic 3 | The Radiography Image                         |
| Topic 4 | Radiography Techniques                        |
| Topic 5 | Bitewing Radiography                          |
| Topic 6 | Periapical Radiography                        |
| Topic 7 | Accessory Radiographic Techniques             |
| Topic 8 | Radiography Anatomy                           |
| Topic 9 | Applied Dental Radiography                    |

## ***GENERAL COURSE STRUCTURE***

The course is structured in such a way as to provide a balanced training programme in selected practical and theoretical skills relevant to the role of a Dental Radiographer.

The overall subject has been developed into three modules of study. Each module is a discrete body of job specific skills and knowledge, which have been further broken down into a series of lectures and associated practical activities.

The course is competency based, self paced learning. The student will be provided with modules which include information and exercises that students work through at home, face to face (1on1) tuition over 3 days (9.30 a.m. - 2.30 p.m.), assessments to complete, practical requirements to achieve. Modules work in conjunction with a suggested text book in *Radiographic Imaging for Dental Auxiliaries 3rd Edition*.

There is a significant on-the-job component. This requires the student to carry out specific exercises in a clinical setting. Each student will be required to produce a portfolio of radiographs taken on patients under appropriate supervision.

Worksheets are provided for activities that are checked or marked by the course facilitator.

The actual number of hours each student will take to complete the course will be dependent upon prior learning and experience, and each student's ability to successfully achieve the competencies as identified in each module.

Three support sessions of one on one- practical/theory tuition will be made available with a fully qualified lecturer to provide you with clear direction throughout the programme, the course will also include support and assessment visits at your surgery.

(The programme can be also customized to specific individual needs when required.)

## **ASSESSMENT INFORMATION**

Each student will be formally assessed. Assessment throughout the course will consist of continuous appraisal of all project work, assessments and practical exercises.

Each student will receive a student record book. It contains a comprehensive list of the theoretical and practical competencies required of a Dental Radiographer. As each competency is achieved, an authorized person may sign it off in the student record book. The mode of assessment will be dependent upon the particular competency being scrutinized.

## **RESOURCES**

Suggested textbook:                      Approx. cost \$95.00

MILES DA et al (1999)                      Radiographic Imaging for Dental Auxiliaries 3rd Edition,  
WB Saunders, Philadelphia.

*A list of other recommended textbooks can be made available on request.*

## **RADIOGRAPHY EQUIPMENT**

Students will successfully expose, process and mount 20 films on the Radiography Manikin and use the Digital Xray system at Dental Nursing Australia Training College.

Students will be required to purchase 10 double films for their "on- the- job" radiographs. Kodak films are available through most Dental Companies.

Participants must have access to intra-oral x-ray units and processing facilities in order to carry out the on-the-job component of the course.

## ***ACCREDITATION***

The Radiography units are National Registered under the Health Training Package.

## ***COST OF THE PROGRAMME***

Enrolment fee: \$95

The tuition fees for this programme: \$475.00 per unit including GST.

Payment plans can be made available through Dental Nursing Australia on request.

## ***PERMISSION***

Students will require a signed declaration from their employer to indicate they are providing support and supervision for your training in their practice.

## ***FURTHER INFORMATION AND APPLICATION FORMS***

Please contact Head Office should you require any further details on 94794870 or  
E-mail: [admin@dentalnursingaustralia.com](mailto:admin@dentalnursingaustralia.com) or Fax- 08 94794880

Application forms can be attained from Head Office: 37 Hargreaves Street, Belmont or  
emailing [admin@dentalnursingaustralia.com](mailto:admin@dentalnursingaustralia.com) or downloaded from the web site.

Wishing you all every success with your career endeavours.

