



COURSE: Dental Radiography Course Overview

Units of study	Study mode	Outcomes
<p>HLTDEN007 Apply the principles of radiation biology and protection in dental practice</p> <p>HLTDEN008 Prepare to expose a prescribed dental radiographic image</p> <p>HLTDEN009 Produce a prescribed dental radiographic image</p>	<p>External Delivery with support</p> 	<p>This Programme is suitable for experienced or qualified Dental Assistants to acquire additional skills and Knowledge in Dental Radiography.</p> <p>You will require the support of the Dental Practice and access to patients to complete the practical.</p> <p>The course is delivered external, with face to face support when required.</p> <p>3 Nationally Recognized Units are required to be completed.</p> <p>Refresher courses in Dental Radiography are also available</p> <p>P 1300 855 503 E admin@dnakingston.com.au W www.dnakingston.com.au</p>

SHORT COURSE DENTAL RADIOGRAPHY

About the Training Organization

Welcome to DNA Kingston Training, Dental Nursing Australia an award winning Training Organization in Western Australia. International Training Provider of the Year in W.A. 2015 with 20 years experience. Preferred training provider by the (DTWD) Department of Training and Workforce Development.

We have also previously won the Small Training Provider of the Year 2002 and Finalist 2003, 2004 (Commendation), 2005, 2007; and Finalist in the International Training Provider of the Year 2010, 2011, 2014, 2016 at the Department of Training and Workforce Development Training Excellence Awards. International Student of the Year Finalist 2017.

Colleges are located in Belmont, Bunbury and Mandurah, with Correspondence training and Traineeships in other regional communities.

The training is competency based and provides participants with Nationally Recognised Qualifications. All our courses are accredited under the Australian Skills Quality Authority (ASQA). We have been registered as an RTO since 1999, under the Standards for Registered Training Organisations (RTOs) 2015 with creative face to face, online, blended learning approaches in delivery, with strong opportunities in Industry with work experience and internships.

We are proud to be delivering a broad range of quality courses across a variety of industry sectors to both local and international clients from Certificate II through to Advanced Diplomas.

Our scope of Training

<ul style="list-style-type: none"> • Work Health and Safety 	<ul style="list-style-type: none"> • Leadership and Management
<ul style="list-style-type: none"> • Dental Laboratory Assisting 	<ul style="list-style-type: none"> • Health Care
<ul style="list-style-type: none"> • Dental Technology 	<ul style="list-style-type: none"> • Dental Assisting
<ul style="list-style-type: none"> • Health Services Assistance Health Support Services 	<ul style="list-style-type: none"> • Emergency Response / Paramedic
<ul style="list-style-type: none"> • Aged Care/ Disability/ Individual support 	<ul style="list-style-type: none"> • Dental Practice Management

Short courses are also delivered to complement employment and Industry requirements:

-Infection Control – Theatre Techniques- Dental Radiography- Leadership- WHS Officer-First Aid (Variety of levels)-Communications- Management- Manual Handling- Forklift licence- White card.



SHORT COURSE DENTAL RADIOGRAPHY

General Information

Dental Radiography units

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

HLTDEN007 Apply the principles of radiation biology and protection in dental practice

HLTDEN008 Prepare to expose a prescribed dental radiographic image

HLTDEN009 Produce a prescribed dental radiographic image

These are the National Recognized units. There are no prerequisites, though a qualification or experience in Dental Assisting are recommended.

You will receive a Certificate: "Statement of Attainment" for these units once achieved.

These Specialization Radiography Units reflect the role of Dental Assistants who provide an advanced level of assistance to a dentist, dental hygienist, dental prosthetist, dental therapist or oral health therapist, which contributes to the quality of oral health care.

Completion of these units can build towards the full Certificate IV in Dental Assisting qualification. Please contact admin@dnakingston.com.au or 1300855503 for further information.

Jurisdictional legislative radiation licensing requirements may apply in different States of Australia to candidates who undertake the Radiography Specialisation units.

Training provided by DNA Kingston Training and Dental Nursing Australia is recognized in Western Australia under the Radiological Council of Western Australia.

Aim of the course

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



Objective of the Course

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

- Expose intra-oral and extra 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

General Course Structure

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

This programme is an external studies course, with resources provided to students to study at the practice and at home with practical to complete in the practice with and without patients.

DNA Kingston Training Dental Radiography simulation room is available for students to do additional practice and attain one on one tuition when required.

The overall subject has been developed into three modules of study. Each module is a discrete body specific skills and knowledge, which have been further broken down into a series of modules 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. An online component to enhance learning is currently being developed and due for release.

Course progress

- Modules with exercises to complete, power points
- Written assessments and assignments to complete
- Practical activities to complete in scenario situation
- Practical activities to complete in a clinical environment under the instruction of a Dental Surgeon
- Text book as resource to read and use for assessments and research tasks, *Radiographic Imaging for Dental Auxiliaries 3rd Edition*.
Modern Dental Assisting 11th Edition Bird Robinson

There is a significant practical component that 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 and marked by the course facilitator. An assessor will visit the practice at identified intervals.

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.



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,
WB Saunders, Philadelphia.

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

HLTDEN007

Apply the principles of radiation biology and protection in dental practice

Performance Evidence

The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:

- applied safe work practices during preparation of **3 patients for dental radiographic imaging procedures.**
- demonstrated quality assurance to the production of **3 radiographs to consistent diagnostic standard, and applied techniques to minimise technical inaccuracies and errors**

Assessment Conditions

Skills must have been demonstrated in the dental clinic workplace with the addition of simulations and scenarios where the full range of contexts and situations cannot be provided in the workplace.

The requirement in the performance evidence to have applied safe work practices during preparation of **3 patients for dental radiographic imaging procedures** must have been demonstrated using simulation prior to demonstration in the workplace and with members of the general public.

The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources including:
 - barrier protection equipment/materials for patient, operator and assistant
 - dental chair and unit
 - radiographs and/or sensors
 - waste disposal equipment
 - Dental Board of Australia guidelines on infection control
- modelling of industry operating conditions including access to real people for simulations and scenarios in dental assisting work.

Assessment must involve demonstration of tasks under the direction of the dental practitioner.

HLTDEN008

Prepare to expose a prescribed dental radiographic image

Performance Evidence

The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:

- **correctly interpreted 3 different dental radiographic requests and prepared for procedure including:**
 - checking patient's identify and consent
 - selecting a range of radiographic imaging equipment using appropriate technical variables for the requested radiographic procedure
 - using procedures to minimise the risk of radiation to the patient, the operator and others.

Assessment Conditions

Skills must have been demonstrated in the dental clinic workplace with the addition of simulations and scenarios where the full range of contexts and situations cannot be provided in the workplace. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources including:
 - barrier protection materials
 - dental chair and unit
 - X-ray machine and digital X-ray machine
 - operator and assistant protective equipment
 - radiographs and/or sensors
 - waste disposal equipment
 - Dental Board of Australia guidelines on infection control on which the candidate bases the planning process
- modelling of industry operating conditions including access to real people for simulations and scenarios in dental assisting work.

Assessment must involve demonstration of tasks under verbal or written prescription from a dental practitioner.

HLTDEN009

Produce a prescribed dental radiographic image

Performance Evidence

The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:

- **produced 30 acceptable dental radiographic images in a simulated environment including:**
 - applying safe work practices for dental radiography work including:
 - o following standard and additional precautions
 - o operating a radiographic unit correctly
 - o safely using radiation in dentistry
- **produced and critiqued 20 acceptable dental intraoral radiographic images taken on a minimum of 10 different people demonstrating skills in periapical (PA) and bitewings (BW)**
- **produced and critiqued 10 acceptable dental extraoral radiographic images taken on a minimum of 10 different people.**

Assessment Conditions

Skills must have been demonstrated in the dental clinic workplace with the addition of simulations and scenarios where the full range of contexts and situations cannot be provided in the workplace.

The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources including:
 - barrier protection materials
 - dental chair and unit
 - X-ray machine and digital X-ray machine
 - operator and assistant protective equipment
 - radiographs and/or sensors
 - waste disposal equipment
 - AHPRA guidelines on infection control on which the candidate bases the planning process
- modelling of industry operating conditions including access to real people for simulations and scenarios in dental assisting work.

Assessment must involve demonstration of tasks under verbal or written prescription from a dental practitioner.

Additional Support



For additional support, students will have access to DNA Kingston Training – Dental Nursing Australia simulated Dental Radiography training room, which contains digital Xray equipment, Radiography Mankins and trained Staff for assistance. Bookings will be required.

Students will be required to purchase double films for their “on- the- job” radiographs. 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 Dental Radiography Specialized units are National Recognized under the Australian Health Training Package.



Programme fees

Enrolment fee: \$95.00

Tuition fees: \$495.00 per unit

Module resource fee: \$120

Payment plans can be made available through the Administration Manager 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.



Contact

DNA Kingston Training / Dental Nursing Australia for further details on
1300855503

E-mail: admin@dnakingstontraining.edu.au

Fax- 08 94794880

www.dnakingstontraining.edu.au

Please contact to arrange an application form to be sent out.

Wishing you every success with your ongoing career endeavours



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