



DIPLOMA OF DENTAL TECHNOLOGY

Overview

The program aims to provide the students with the basic theoretical and practical concepts and skills needed in the dental technology major.

Dental technicians provide support to dental personnel in public hospitals, as well as in public and private dental laboratories and clinics. As a dental technician, you will use impressions to manufacture dentures, crowns, bridges and orthodontic appliances.

Through your studies in this diploma, you will learn how to construct models, impression trays, dentures, crown and bridge structures, oral splints and more.

Statement on competency

This diploma designed to enable you to develop the practical skills and knowledge (competency) needed to perform the duties and tasks in the job.

Assessment in a competency-based program is about being able to demonstrate that you have developed these practical skills and areas of knowledge, and that you can perform at the standard required in the job. This could involve showing an assessor how you plan and carry out tasks and explaining to the assessor how you know what you are doing. It could also involve completing a project and presenting a report on the process and outcomes.

Employability Skills

In addition to developing skills and knowledge for a particular job, this program also aims to help you to develop broad work skills, known as Employability Skills.

There are eight employability skills:

- communication
- teamwork
- problem solving
- initiative and enterprise
- planning and organising
- self-management
- learning
- technology



Cambridge

Technical College

Employability skills are “embedded” in the units of competency in your program. When you demonstrate that you are competent in your particular job skills and knowledge, you are also demonstrating that you have developed relevant employability skills.

Students are prepared for technical roles within the dental technology field.

Technical roles may include:

- fixed and removable dental prosthesis
- full dentures
- partial dentures (metal and acrylic)
- crowns
- bridges
- orthodontic appliances
- Dental Ceramic
- computer aided design & manufacture of dental appliances

Assessment will include a range of activities:

- assignments
- short answer and multiple choice written assessments
- Practical exercises in a laboratory.

College committed to providing you with an education that strongly links formal learning with workplace experience. As a student enrolled, you will be assessed on structured activities that allow you to learn, apply and demonstrate professional competency.

Program	Diploma of Dental Technology
Credit Hours	72 Credits
Actual Hours	240 Training Hours
Duration	Academic Year (9 Months)
Fees	4000 USD (\$)
Scholarship Fees	2500 USD (\$)

SYLLABUS

DIPLOMA OF DENTAL TECHNOLOGY		
SUBJECT	CODE	CREDIT HOURS
English Language 101	EN101	6
Dental Terminology	DT91	3
Dental Anatomy	DT92	3
Tooth Morphology	DT93	3
Relevant Equipment	DT94	3
Carving	DT95	6
Dental Care Techniques	DT96	3
Complete Dentures	DT97	3
Partial Dentures	DT98	3
Complete Dental Construction	DT99	3
Fixed Prosthodontics	DT100	3
Fixed (Crown)	DT102	3
Dental Ceramic	DT103	6
Partial Corm Couplet, Vetuluom	DT104	3
Cad Cam 1	DT105	3
Graduation Project	DT106	18