

New HORIZON Regional Education Center (C & T)

Pacing Guide

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Dental Assisting I

1 st Marking Period	Virginia State Competencies
Topic/Unit	
Chapter 1 History of Dentistry	Trace development of dentistry from early
Chapter 2 The Professional Dental Assistant	Describe ADA principles of ethics and Code
Chapter 3 The dental Healthcare Team	List members of dental team educational
Chapter 4 Dental Ethics	Examine Principles of ethics and Code of
Chapter 5 Dentistry and the Law	Examine legal/ethical issues related to
Chapter 6 General Anatomy	Identify anatomical references systems
Chapter 7 General Physiology	Identify bones and major anatomic
Chapter 8 Oral Embryology/Histology	Identify developmental disturbances that
Chapter 9 Head and Neck Anatomy	Identify bones and major anatomic
Chapter 10 Landmarks of the face/oral	Identify major anatomic landmarks of the
Chapter 11 Overview of the Dentition	Identify tooth numbers/letters of primary
Chapter 12 Tooth Morphology	Identify the eruption of primary and
Chapter 46 Impression Materials	Take, pour and trim study models, prepare
1 st Marking Period	
Competencies	
Identify bones of the skull	HMS8329.009
Identify bones structure/compact/spongy	HMS8329.010
Describe gliding/hinge action of TMJ	HMS8239.011
Identify major muscles of mastication	HMS8239.012
Identify veins and arteries of the face	HMS8239.013
Identify landmarks of the oral cavity	HMS8329.014
Identify salivary glands and their ducts	HMS8329.015
Pour and trim diagnostic cast	HMS8329.076
Take alginate impressions for diagnostic cast	HMS8329.076
Explain the Histology of Dentition	HMS8239.017
Explain specialized function of 4 types of teeth	HMS8239.018
Gather personal information	HMS8329.030
Update medical and dental history	HMS8329.031
Chart initial findings	HMS8329.033
2 nd Marking Period	
Chapter 32 The Dental Office	
Chapter 33 Delivering Dental Care	
Chapter 28 Oral Diagnosis Treatment Plan	
3rd Marking Period	
Chapter 29 Principles of Pharmacology	
Chapter 34 Dental Hand Instruments	
Chapter 35 Dental Handpieces/Accessories	
Chapter 36 Moisture Control	
Chapter 37 Anesthesia and Pain Control	
Chapter 47 Laboratory materials/Procedures	
4th Marking Period	
Chapter 19 Disease Trans./Infection Control	
Chapter 20 Principles/Techniques Disinfect	
Chapter 21 Principles of Sterilization	

Chapter 22 regulatory Advisory Agencies	
Chapter 23 Chemical waste Management	
Chapter 24 Dental Unit Waterlines	
Competencies	
Maintain Dental Handpieces	HMS8329.019
Clean and disinfect equipment and solutions	HMS8329.022
Maintain dental sterilization equipment	HMS8329.023
Maintain evacuation system	HMS8329.024
Maintain auxiliary equipment	HMS8329.025
Describe Disease's transmitted in an office	HMS8329.026
Comply w/ State Regs regarding Infec control	HMS8329.027
Maintain aseptic in dental area/steril tech	HMS8329.029
Explain Pharmacology terms	HMS8329.040
Describe signs/.symptoms of drug abuse	HMS8329.042
Explain major routes of drug administration	HMS8329.043
Explain types of anesthesia in Dentistry	HMS8329.045
Seat and position patient	HMS8329.058
Dismiss patients	HMS8329.059
Pass and retrieve instruments	HMS8329.060
Maintain clear field of vision	HMS8329.061
Perform oral evacuation	HMS8329.062
Prepare basic operatory setup	HMS8329.063
Prepare dental dam equipment	HMS8329.064
Prepare amalgam tray materials for proced.	HMS8329.065
Prepare composite tray setup	HMS8329.066
Perform preventive dentistry treatment	HMS8329.073
Pour/trim diagnostic cast	HMS8329.076
Prepare lab prescription	HMS8329.077
Fabricate custom tray	HMS8329.078
Fabricate temporary crown	HMS8329.079
Greet patient	HMS8329.081

Standardized Test Areas for NOCTI/NCCT/Lie./Cert.	Supporting Equipment/Technology	
	Modern Dental Assisting 12 th	
Identify career roles, functions,	Modern Dental Assisting 12 th	
Identify the roles of the dental	Modern Dental Assisting 12 th	
Describe ethics and jurisprudence as	Modern Dental Assisting 12 th	
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	Modern Dental Assisting 12 th	
	Modern Dental Assisting 12 th	
Describe signs and functions of healthy	Modern Dental Assisting 12 th	
	Modern Dental Assisting 12 th	
Demonstrate knowledge of the	Modern Dental Assisting 12 th	
Define the numbering systems of	Modern Dental Assisting 12 th	
Name and identify the location of	Modern Dental Assisting 12 th	
Take and pour alginate impressions,	Modern Dental Assisting 12 th	
Sciences of Dental Assisting	Handouts/charts/skull	
Sciences of Dental Assisting	Handouts/charts/skull	
Sciences of Dental Assisting	Handouts/charts/skull	
Sciences of Dental Assisting	Handouts/charts/overhead	
Demonstrate knowledge of the blood	Handouts/charts/overhead	
Demonstrate knowledge of the	Handouts/charts/overhead	
Name the functions of the salivary	Handouts/charts/overhead	
Take and pour alginate impressions,	Mannequins/videos/ hands on	
Take and pour alginate impressions,	Mannequins/videos/ hands on	
Describe the parts of the tooth,	Mannequins/videos/ hands on	
Describe the parts of the tooth,	Charts/videos/transparencies/cas	
Obtain, update and maintain current	Charts/patients/handouts	
Measure and record vital signs	Charts/patients/handouts	
Chart oral conditions as dictated by	Charts/patients/handouts	
	Treatment area/videos/Textbook	
Prepare and assist with various dental	Treatment area/videos/Textbook	
Chart oral conditions as dictated by	Treatment area/videos/Textbook	
	Syringes/handouts/textbook	
Demonstrate instrument and material	Instruments	
Identify various handpieces and	Handpieces/Textbook/handouts	
Prepare and assist with application and	Treatment	
Prepare and assist w/administration of	Mannequins/anesthesia	
Fabricate provisional's/temporaries for	Mannequins, stone,	
Monitor and process infection control	Treatment area/Textbook/videos	
Maintain personal safety and hygiene	Treatment area/Textbook/videos	
Maintain personal safety and hygiene	Autoclave/instruments/videos	

	Textbook
Dispose of waste and hazardous	Textbook
	Textbook
Assisting in Clinical Procedures	Handpieces/treatment area/textbook
Infection Control Hazard	Solutions/videos/lab area
Infection Control Hazard	Solutions/videos/lab area
Infection Control Hazard	Solutions/videos/lab area
Infection Control Hazard	Solutions/videos/lab area
Infection Control Hazard	Textbook/research computer/videos
Infection Control Hazard	Textbook/research computer/videos
Infection Control Hazard	Autoclave/lab area/Textbook/videos
Assisting in clinical procedures	Textbook/needles/syringes/carpules
Assisting in clinical procedures	Textbook
Assisting in clinical procedures	Textbook
Assisting in clinical procedures	Anesthesia/Textbook/handouts/charts/pt.
Assisting in clinical procedures	Patients/lab area/Textbooks/videos
Assisting in clinical procedures	Patients/lab area/Textbooks/videos
Assisting in clinical procedures	Instruments/lab area/Textbook
Assisting in clinical procedures	Dental unit/HVE/PT/Textbook/video
Assisting in clinical procedures	Dental unit/HVE/PT/Textbook/video
Assisting in clinical procedures	Operatory/Textbook
Assisting in clinical procedures	Mannequin/dental dam/Textbook/video
Assisting in clinical procedures	Instruments/handouts
Assisting in clinical procedures	Instruments/handouts
Assisting in clinical procedures	Videos/textbook/handout
Performing diagnostic models	Lab/mannequins/handouts/Textbook/stone
Assisting in clinical procedures	Prescription/Textbook/handouts
Performing diagnostic models	Triad/materials/cast models/Textbook
Performing diagnostic models	Cast models/ patient/materials
Assisting in clinical procedures	Patient/operator/Textbook/video