

Course Name: Dental Assistant

Contact Hours: 250

Number of Sessions: 63

Number of Hrs/Session: 4

Mode of Instruction: Classroom

Course Description:

Students will be trained to function as capable entry level assistant in a dental office. Included are chair side procedures, infection control, record keeping, basic first aid, pertinent biology, and methodology as well as instrument and equipment care. This course will prepare the student for the State Radiology Safety Certificate exam. The exam is not included in the tuition cost.

Text: Modern Dental Assisting, ISBN: 978-0323430302

Course Outline:

1. Dental assisting as a profession
2. Anatomy and Physiology
3. Structure of head, neck, enamel and dentin formation
4. Tooth morphology
5. Universal numbering system
6. Oral pathology, inflammation, types of lesions and caries
7. Microbiology and disease transmissions
8. Prevention of transmission
9. Infection control
10. Instrument reprocessing
11. Medical emergencies
12. Review for test
13. Pharmacology and pain control
14. Administration of nitrous oxide and injection technique
15. Medically compromised PT
16. Stress, signs/symptoms
17. Dental treatment room, operating lights, HVE
18. Instrument transfer and exchange
19. Dental instruments and accessories
20. Oral diagnosis and treatment plan
21. Diagnosis, dental radiology

22. Dental radiology full mouth
23. Radiograph techniques
24. Guidelines for patients
25. Extra oral radiograph, processing radiograph
26. Mounting X-rays, preparing patients and processing film
27. Dental materials/environmental and safety
28. Exposure to radiation/disposal of materials
29. Restorative materials and general precautions
30. Varnish liner cements
31. Impression materials and laboratory procedures
32. Custom trays, curing stages and impression materials
33. Preventive dentistry, brushing, flossing, fluoride application
34. Composite restoration, bleaching, veneers and polishing
35. Fix prosthodontics, crown and bridges
36. Endodontics
38. Pediatric dentistry
39. Orthodontics
40. Implants/Role of the dental assistant/Oral surgery