



Mountain Empire Community College Publication Change Form

Please fill in and print this page to request changes to MECC's publications. This process provides for MECC's publications on the college's web site to be maintained with up-to-date information, unlike the printed copies that are updated once a year.

Change Applies to: Catalog Student Handbook Other _____

Type of Change: Update Deletion Addendum

Does the change need to be applied to the website? Yes No

If yes, which web page(s) requires the change? ^{needs to be added as new} Pathway under HS (Clinical)

Current Page Number: _____ -or- Proposed Page Number: 134

Effective Date: 01/01/2020

Brief Description of Change:

newly approved Dental Assistant CSC information for catalog addendum and new Pathway page on web.

Person Submitting Change:

Kim DORTON
Name (print)

Kim Dorton
Signature

Vice President of Academic Affairs and Workforce Solutions:

W. Ratzig 4/23/19
Signature

4-23-19
Date

Send this form and attachments to the office of the Vice President of Academic Affairs and Workforce Solutions.

*emailed 4/25/19
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HEALTH SCIENCES (CLINICAL)

Career Studies Certificate

DENTAL ASSISTANT (221-120-02)

Purpose

Provide students with the theory, skills, laboratory and clinical experience to perform as entry-level dental assistants. Prepare students for employment in dental offices, hospitals, corporations, specialty dental clinics and the public health setting. Prepare students for the Dental Assistant National Board NELDA certification exam.

Program Learning Outcomes

Upon successful completion, students will be able to:

1. Demonstrate workplace readiness skills
2. Obtain first aid and CPR certification
3. Collect and record vital signs
4. Assist with oral examinations
5. Prepare tray set-ups for oral procedures
6. Prepare patients and operatories for dental procedures
7. Take radiographic images and chart findings
8. Help dentists by transferring instruments during procedures, such as fillings, crown preparations, and tooth extractions
9. Provide better visibility for dentists by using suction, retractors, and other equipment
10. Take impressions and prepare models
11. Assist in maintaining accurate patient treatment records
12. Schedule patient appointments and follow-up care
13. Assist with patient billing, insurance, and other office tasks
14. Protect patients and employees by adhering to infection control policies and protocols
15. Maintain equipment, dental supply, and office supply inventories
16. Assist with patient emergencies
17. Assist dental professionals with patient education activities
18. Assist in procedures by selecting, mixing, or providing needed materials

Employment Opportunities

Job opportunities may include working with other dental health professionals in private dental offices, hospitals, corporations, specialty dental clinics, volunteer dental events, and public health settings.

Program Requirements

Students should have English and Mathematics skills assessed. Deficiencies in these areas may be corrected by completing the appropriate developmental studies courses.

Additional Information

Dental Assistant is a competitive admissions program. The deadline to submit a program application to the spring cohort is October 15th, the deadline to apply for admission to the summer cohort is April 15th. Please visit www.mecc.edu to apply for program admission. Travel to clinical assignments and to the Center for Workforce and Innovation in Appalachia is required. The following immunizations, checks and screenings are required.

- Proof & record of three Hepatitis B vaccinations OR proof of immunity by titer.
- Proof & record of two MMR vaccines OR proof of immunity by titer.
- Proof & record of negative TB test (two-step).
- Proof & record of seasonal flu shot.
- Proof & record of two varicella vaccinations OR proof of immunity by titer.
- Proof & record of DTP (diphtheria, tetanus, pertussis) vaccinations OR proof of immunity by titer.
- Passing of criminal and sexual background checks and drug screen.

FOR FURTHER INFORMATION, CONTACT:

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DENTAL ASSISTANT PROGRAM OF STUDY

Course #	Course Title	Credit	Pre-Requisite Courses (if applicable)
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FIRST SEMESTER

SDV 100	College Success Skills	1	
DNA 103	Introduction to Oral Health	1	
DNA 109	Practical Infection Control	3	
DNA 113	Chairside Assisting I	3	
DNA 108	Dental Science I	3	
HLT 100	First Aid & CPR	3	

STUDENTS EARN AHA BLS FOR HEALTHCARE PROVIDER CPR CERTIFICATION, AHA HEARTSAVER OSHA BLOODBORNE PATHOGEN CERTIFICATION, AND AHA HEARTSAVER FIRST AID CERTIFICATION

SECOND SEMESTER

DNA 114	Chairside Assisting II	4	DNA 103, 108, 109, 113
DNA 110	Dental Materials	3	DNA 103, 108, 109, 113
SDV 107	Career Exploration	3	

STUDENTS ELIGIBLE TO TAKE THE WORK ETHIC PROFICIENCY CERTIFICATION EXAM

DNA 135	Dental Radiation Safety	2	DNA 103, 108, 109, 113
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STUDENTS ELIBILE FOR DENTAL ASSISTING NATIONAL BOARD RADIATION AND HEALTH SAFETY (RHS) CERTIFICATION EXAM

DNA 130	Dental Office Management	2	DNA 103, 108, 109, 113
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STUDENTS ELIGIBLE FOR DENTAL ASSISTING NATIONAL BOARD NELDA EXAM (NATIONAL ENTRY LEVEL DENTAL ASSISTANT)

TOTAL PROGRAM CREDITS	28
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Notes and Additional Curriculum Options

DNA prefix courses are taught in 12 week sessions. Start date January 2020.
Course substitutions may be available. Please see your advisor.

COURSE DESCRIPTIONS

Dental Assistant (DNA)

DNA 103 - Introduction to Oral Health (1 CR.)

Teaches anatomy of the head and neck, the oral cavity hard and soft tissues, as well as tooth morphology. Includes dental terminology, deciduous and permanent dentition as well as pathology. Lecture 1 hour per week.

DNA 108 - Dental Science (3 CR.)

Studies head and neck anatomy, tooth morphology, pathological conditions of the oral cavity, disease processes, and microbiology. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

DNA 109 - Practical Infection Control (3 CR.)

Studies principles of management of disease producing microorganisms and associated diseases. Emphasizes sterilization, asepsis, and disinfection techniques applicable in the dental office. Lecture 1-2 hours. Laboratory 2-3 hours. Total 3-5 hours per week.

DNA 110 - Dental Materials (3 CR.)

Studies the materials utilized in the laboratory aspect of dentistry as support in treatment. Emphasis is placed on the characteristics, manipulation, economical control, storage, and delivery of materials. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

DNA 113 - Chairside Assisting I (3 CR.)

Provides instruction on the principles of clinical chair side dental assisting, dental equipment use and maintenance, safety, instrument identification, tray set-ups by procedures, and patient data collection. Emphasis on patient management during restorative procedures. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

DNA 114 - Chairside Assisting II (4 CR.)

Introduces the student to the various dental specialties including oral surgery, orthodontics, periodontics, prosthodontics, endodontics, and pediatric dentistry. Integrates and applies previous course content to operative dental procedures. Lecture 2 hours. Laboratory 6 hours. Total 8 hours per week.

DNA 130 - Dental Office Management (2 CR.)

Exposes students to and provides practical experience in the legal aspects of dental office management with regard to ethics, jurisprudence, appointment control, recall systems, reception techniques, telephone techniques, accounts receivable and payable, payroll, insurance claims, inventory control, and professional conduct in a dental office. Lecture 1-2 hours. Laboratory 1-3 hours. Total 2-5 hours per week.

DNA 135 - Dental Radiation Safety (2 CR.)

Studies techniques and devices used for protection from ionizing radiation. Teaches biological effects, cell sensitivity and genetic effects of ionizing radiation. Includes practice of bisection and parallel techniques on manikins. Prepares employed dental staff to meet the Virginia Board of Dentistry's regulations for certification in dental radiation safety hygiene. Lecture 1 hour. Laboratory 3 hours. Total 4 hours per week.