

Course discipline/number/title: DA 1265: Expanded Functions I**A. CATALOG DESCRIPTION**

1. **Credits:** 7
2. **Hours/Week:** 2 lecture, 2 lab, 10 clinic
3. **Prerequisites (Course discipline/number)** DA 1225
4. **Other requirements:** None
5. **MnTC Goals (if any):** NA

B. COURSE DESCRIPTION. Expanded Functions I covers the theory and pre-clinical/clinical experiences required by the Minnesota Board of Dentistry in preparation for becoming a Licensed Dental Assistant in Minnesota. After the theory and demonstrations are presented, the students receive practical experience on manikins and patients under the direct supervision of the dental assisting instructors and the clinic dentist. Students will be required to demonstrate professional attitudes and communications, ethical decision-making, effective chairside assisting, dental infection control and hazards management and dental practice management.

C. DATE LAST REVISED (Month, year): September, 2021

D. OUTLINE OF MAJOR CONTENT AREAS:

1. Demonstrate proficiency in performing expanded functions for Minnesota licensed dental assistants according to state regulations.
2. Communicate effectively and establish positive working relationships with patients and dental team members.
3. Demonstrate the knowledge necessary to become a licensed dental assistant in the state of Minnesota by successfully completing national and state dental assisting board examinations.

E. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Employ effective patient/team communications
2. Demonstrate professional attributes.
3. Employ ethical decision making.
4. Demonstrate principles of teamwork.
5. Employ current principles of aseptic techniques, dental infection control and hazards management.
6. Maintain patient/operator/assistant safety during procedures.
7. Manage patients effectively during dental procedures.
8. Practice and perform the MN Board of Dentistry regulated expanded functions on typodonts and patients to include; Obtaining Informed Consent, Preliminary Charting of the Oral Cavity, Mechanical Polishing, Application of Topical Fluoride, Taking Alginate Impressions and Bite Registrations, Extra and Intra Oral Photography, Digital Scanning the Dental Arches, Placing and Removing Dental Dam, Place Topical Anesthetics, Place and Remove Matrices, Fabricate, Cement and Adjust Provisional Restorations, Re-Cement Intact Temporary Restorations, Place Temporary Fillings, Remove Temporary Crowns, Etch Appropriate Enamel Surfaces, Apply and Adjust Pit & Fissure Sealants, Remove Excess Cement, Place and Remove Periodontal Packs, Remove Sutures, Place Topical Medications and Cavity Varnishes, Drying Root Canals and Placing Temporary Root Canal Sealer, Place Non-Surgical Gingival Retraction Materials, Place and Remove Orthodontic Separators, Preselect Orthodontic Bands, Place and Remove Elastic Ligatures, Place and Remove Metal Ligature Ties, Etch Appropriate Enamel Surfaces Before Bonding Orthodontic Brackets, Remove Excess Orthodontic Bonding Agent With Hand Instrument, Removal of Orthodontic Bonding Agent With Rotary Instruments, Palliative Orthodontic Procedures: Cut Arch Wires, Remove Loose Bands, or Remove Loose Brackets on Orthodontic Appliances, Remove Orthodontic Brackets and Bands, Attach Pre-Fit Orthodontic Appliances, Deliver Vacuum Formed Orthodontic Retainers.

F. LEARNING OUTCOMES (MNCTC). NA**G. METHODS FOR EVALUATION OF STUDENT LEARNING.** Methods may include but are not limited to:

1. Weekly quizzes
2. Written assignments
3. Skill Evaluations
4. Affective behavior evaluations

G. METHODS FOR EVALUATION OF STUDENT LEARNING. Methods may include but are not limited to:
Continued. . .

5. Comprehensive Final Exam

H. RCTC CORE OUTCOME(S).

Communication. Students will communicate appropriately for their respective audiences.

I. SPECIAL INFORMATION (if any):

1. RCTC Approved uniform attire, safety glasses, and nametag.
2. Current Certification in American Red Cross or American Heart Association BLS (Basic Life Support) for the Healthcare Provider (CPR/AED)
3. Approved state background study
4. Approved health assessment
5. Hepatitis B Vaccine
6. Compliance with Dental Infection Control Protocols and Hazard Management Protocols.