

Revised 10/4/10

CHATTANOOGA STATE COMMUNITY COLLEGE
CHATTANOOGA, TENNESSEE
NURSING AND ALLIED HEALTH DIVISION

MASTER SYLLABUS

DAST 1131 Clinical Skills II

Instructor: Christina Kirstein
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Class Hours/Credit Hours: 2 /3
Semester: Spring 11
Room: HSC 1083

Lab instructor: Christina Kirstein & Mark Matney
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Catalog Course Description

Skills development in the clinical setting. A continuation of Clinical Skills I with emphasis on advanced intraoral skills and assisting with specialties as they relate to general dentistry;

Prerequisites:

Satisfactory completion of all fall dental assisting classes: DAST1120, DAST1130, DAST1140, and DAST1150 or permission of instructor

Corequisites:

All fall semester Dental Assisting classes (DAST1121, DAST1160, DAST1170) or permission of instructor

Entry Level Standards:

High School Diploma or equivalent (GED);

Textbook/Materials;

Modern Dental Assisting, 9th ed., Bird, Doni and Robinson, Debbie

Workbook to Accompany Modern Dental Assisting, 9th ed., Bird, Doni and Robinson, Debbie

Dental Instruments Pocket Guide, 9th ed., Linda R. Bartolomucci Boyd

Columbia Deontoform

Red and Blue Pencil

2 inch three ring binder with tables for each class.

School uniform, lab jacket, and protective eyewear

Evolve web site: evolve.elsevier.com

Login Hybrid course resources: elearn@chattanoogastate.edu

Login MDA: <http://evolve.elsevier.com/Bird/modern>

Login Instruments: <http://evolve.elsevier.com/Boyd/dentalinstruments>

REFERENCE (SUGGESTED BUT NOT REQUIRED)

Review Questions and Answers for Dental Assisting Finkbeiner, Betty L., Mosby

Tennessee Dental Practice Act, Division Law, and Rules and Regulations
<http://health.state.tn.us/boards/Dentistry/>

Student Learning Outcomes

PSLO 2 Demonstrate dental assisting skills.
CSLO1. Systematically collect diagnostic data.
CSLO 2 Perform a variety of clinical supportive procedures
CSLO 3. Perform a variety of intraoral functions related to dental treatment.
CSLO 4 Assist in specialty procedures as they related to general dentistry.
CSLO 5 Perform a variety of preventive procedures
CSLO 8 Manage infection and hazard control protocol consistent with published professional guidelines to include OSHA and CDC.
PSLO 3 Demonstrate professional behaviors
CSLO 9 Work and communicate effectively with patients and health professionals as a professional dental assistants.
CSLO 16 Demonstrate a basic understanding of legal considerations related to dentistry
CSLO 18 Students must become prepared for Certification by the Dental Assisting National Board

Program Student Learning Outcomes (PSLO's). The Dental Assisting Program Student Learning Outcomes were developed using:

- The Accreditation Standards for Dental Assisting Programs published by the Commission on Dental Accreditation (2009)
- The Content outline for the Dental Assisting National Board Exam (2009)
- The Rules and Regulations of the Tennessee Board of Dentistry 0460-.04 Rules Governing Dental Assistants

<i>CSLO:</i>	CSLO 1	CSLO 2	CSLO 3	CSLO 4	CSLO 5
<i>Assessments:</i>	<i>WB: 28-3</i>	<i>Worksheets which</i>	<i>WB: , 45-7, 46- 4 &5, 48-5</i>	<i>Worksheets which</i>	<i>WB: 55-1 and 58-1</i>

	<p><i>Worksheet:</i> <i>complex charting</i></p> <p><i>Test:</i> <i>10</i></p> <p><i>Periodontics</i></p> <p><i>Final Exam</i></p>	<p><i>correspond with WB:</i> <i>50- 2&3, 52-1 - 3, 53-1, 54-1&2, 55-1 - 4, 56-4 - 8, 56-1&2, 60-3 & 6</i></p> <p><i>Tests: 2-10</i></p> <p><i>2. Fixed Prosthodontics & Provisional Coverage Test</i></p> <p><i>3. Pediatric Dentistry Test</i></p> <p><i>4. Removable Prosthodontics Test</i></p> <p><i>5. Endodontic Test</i></p> <p><i>6. Coronal Polishing</i></p> <p><i>7. Oral and Maxillofacial Surgery</i></p> <p><i>8. Orthodontics</i></p> <p><i>9. Dental Implants</i></p> <p><i>10. Periodontics</i></p> <p><i>Final Exam</i></p>	<p><i>&8, 50-1-3, 51-1-3 and 51-3a, 52-1&2, 53-1, 54-1-4, 55-2-4, 56-1-9, 57-1&2, 60-1-8</i></p> <p><i>Worksheets:</i></p> <p><i>-Wound Care</i></p> <p><i>-Recognizing and Reporting Child Abuse</i></p> <p><i>Test:</i></p> <p><i>1. Intermediate Restorations</i></p> <p><i>2. Fixed Prosthodontics & Provisional Coverage Test</i></p> <p><i>3. Pediatric Dentistry Test</i></p> <p><i>4. Removable Prosthodontics Test</i></p> <p><i>5. Endodontic Test</i></p> <p><i>6. Coronal Polishing</i></p> <p><i>7. Oral and Maxillofacial Surgery</i></p> <p><i>8. Orthodontics</i></p> <p><i>9. Dental Implants</i></p> <p><i>10.</i></p>	<p><i>correspond with WB:</i> <i>50- 2&3, 52-1 - 3, 53-1, 54-1&2, 55-1 - 4, 56-4 - 8, 56-1&2, 60-3 & 6</i></p> <p><i>Tests: 2-10</i></p> <p><i>2. Fixed Prosthodontics & Provisional Coverage Test</i></p> <p><i>3. Pediatric Dentistry Test</i></p> <p><i>4. Removable Prosthodontics Test</i></p> <p><i>5. Endodontic Test</i></p> <p><i>6. Coronal Polishing</i></p> <p><i>7. Oral and Maxillofacial Surgery</i></p> <p><i>8. Orthodontics</i></p> <p><i>9. Dental Implants</i></p> <p><i>10. Periodontics</i></p> <p><i>Final Exam</i></p>	<p><i>Test:</i> <i>6. Coronal Polishing</i></p> <p><i>Final Exam</i></p>
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			<i>Periodontics</i>		
			<i>Final Exam</i>		
CSLO:	CSLO 8	CSLO 9	CSLO 16	CSLO 18	
Assessments	<i>OSHA Control Manuel Project (Test Grade)</i>	<i>Work Ethic Assessment</i>	<i>TBD Rules and Regulation for Chapters: 48, 50-58, and 60</i> <i>Test:</i> <i>1.</i> <i>Intermediate Restorations</i> <i>2. Fixed Prosthodontics & Provisional Coverage Test</i> <i>3. Pediatric Dentistry Test</i> <i>4. Removable Prosthodontics Test</i> <i>5. Endodontic Test</i> <i>6. Coronal Polishing</i> <i>7. Oral and Maxillofacial Surgery</i> <i>8.</i> <i>Orthodontics</i> <i>9. Dental Implants</i> <i>10.</i> <i>Periodontics</i>	<i>GC Mock Exam</i>	

Topics:

Part I: Review of General Dentistry

- a. Basic Tenants of 4-Handed Dentistry
- b. Infection Control
- c. Basic Restorative Instruments
- d. Patient assessment

Part II: Intermediate Restorations

- a. Veneers
- b. Patient Education
- c. Legal and Ethical Implications
- d. When to refer a patient to a specialist
- e. Tennessee Scope of Practice

Part III: Fixed Prosthodontics

- a. Plan of Care
- b. Inlays and onlays
- c. Veneers
- d. Crowns
- e. Fixed Bridges
- f. Shade Selection
- g. Preparation
- h. Retention Aids for Crowns
- i. Gingival Retraction and Tissue Management
- j. Final Impression and Bite Registration
- k. Provisional Coverage
- l. Delivery Appointment
- m. Tennessee Scope of Practice

Part IV: Pediatric Dentistry

- a. The Pediatric Dentist
- b. The Pediatric Dental Assistant
- c. The Pediatric Dental Office
- d. The Pediatric Patient
- e. Patients with special needs
- f. Diagnosis and Treatment Planning
- g. Preventive Dentistry for Children
- h. Pediatric Procedures
- i. Dental Trauma
- j. Child Abuse
- k. Patient Educations

Part V: Provisional Coverage

- a. Types of Provisional Coverage
- b. Criteria for Provisional coverage
- c. Preformed Crowns
- d. Trouble-Shooting when making a provisional
- e. Home Care Instructions
- f. Removal of Temporary Crowns
- g. Patient Education
- h. Tennessee Scope of Practice

Part VI: Removable Prosthodontics

- a. Factors Influencing the Choice of a Removable Prosthesis
 - b. Removable Partial Denture indications/Contraindications
- c. Components of a Partial Denture
- d. Appointment Sequencing for a Partial Denture

- e. Home Care Instructions
 - f. Full (Complete) Denture Indications/Contraindications
- g. Components of a Full Denture
- h. Appointment Sequencing for a Full Denture
- i. Immediate Dentures
- j. Overdentures
- k. Denture Relining
- l. Denture Repairs
- m. Denture Duplication
- n. Patient Education
- o. Tennessee Scope of Practice

Part VII OSHA Compliance Manual

- a. Complete an abridged version of the OSHA Compliance Manual
- b. MSDS Sheets
- c. Post Expose and Follow up Forms
- d. Sharps Injury Log

Part VIII: Endodontic

- a. Causes of pulpal damage
- b. Symptoms of pulpal damage
- c. Endodontic Diagnosis
- d. Diagnostic Conclusions
- e. Endodontic Procedures
- f. Surgical Endodontic
- g. Tennessee Scope of Practice

Part IX: Coronal Polishing

- a. Dental Stains
- b. Handpieces and attachments For coronal Polishing
- c. Polishing Esthetic Restorations
- d. Coronal polishing Steps
- e. Flossing after Polishing
- f. Tennessee Scope of Practice

Part X: Oral and Maxillofacial Surgery

- a. Indications for oral and maxillofacial surgery
- b. The oral surgeon
- c. The surgical Assistant
- d. The Surgical Setting
- e. Specialized Instruments and Accessories
- f. Surgical Asepsis
- g. Surgical Procedures
- h. Sutures
- i. Biopsy
- j. Postoperative Care
- k. Postsurgical complications
- l. Tennessee Scope of Practice

Part XI: Orthodontics

- a. Oral Hygiene and Dietary Instructions The Orthodontist

- b. The Orthodontic Assistant
- c. The Orthodontic Office
- d. Understanding Occlusion
- e. Occlusion
- f. Malocclusion
- g. Malaligned Teeth
- h. Benefits of Orthodontic Treatment
- i. Management of Orthodontic Problems
- j. Orthodontic Records and Treatment Planning
- k. Case Presentation
- l. Specialized Instruments and Accessories
- m. Orthodontic Treatment
- n. Headgear
- o. Facebow
- p. Adjustment Visits
- q. Oral Hygiene and Dietary Instructions
- r. Treatment Options
- s. Tennessee Scope of Practice

Part XII: Periodontics

- a. The Periodontal Practice
- b. The Periodontal Examination
- c. Periodontal Instruments
- d. Indications and Contraindications
- e. Nonsurgical Periodontal Treatment
- f. Surgical Periodontal Treatment
- g. Lasers in Periodontics
- h. Advantages of Laser Surgery
- i. Laser Safety
- j. Patient Education
- k. Tennessee Scope of Practice

Part XIII: Dental Implants

- a. Indications for Implants
- b. Contraindications to Implants
- c. The Dental Implant Patient
- d. Preparation for Implants
- e. Types of Dental Implants
- f. Maintenance of Dental Implants
- g. Patient Education
- h. Tennessee Scope of Practice

Instructional Activities

- 11. Students will use e-learn website to participate in these learning activities
 - a. View powerpoint presentations
 - b. Check MDA workbook chapter answers
 - c. Take tests
 - d. Access related websites
 - e. Turn in assignments

- 12. Students will complete homework assignments and projects to strengthen depth of subject
 - a. Read assigned content in texts and complete recall questions
 - b. Complete assigned MDA workbook chapters
 - c. View assigned DVD (multimedia Procedures, videos and animations)

- d. Complete assigned IDO (Interactive Dental Office CD-ROM) exercises
- e. Use Evolve learning resources (games, labeling exercises, etc.)
- f. Take Evolve Practice Tests
- g. Participate in the planning and the presenting of an age appropriate skit to children on dental health
- h. Complete an abridged version of the OSHA Compliance Manual along with additional forms

13 Classroom instructional activities include

- a. Lecture
- b. Discussion
- c. Critical thinking
- d. Ethical and legal considerations
- e. Viewing Video - "Root Canal" and "Implant Surgery"
- f. Additional Videos

14 Laboratory instructional activities

- a. Instructor demonstrations
- b. Chart Dental Conditions(complex)
- c. Assist with Periodontal Screening
- d. Prepare tray set-ups for general dentistry and specialty procedures as they relate to general dentistry
- e. Provide pre-and post-operative instructions prescribed by a dentist
- f. Assist in the Placement of a Veneer
- g. Assisting in Crown and Bridge Preparations
- h. Assist in Adjustment
- i. Assist in Reline
- j. Assist in Endosteal Implant Surgery
- k. Electric Pulp Testing
- l. Assisting in RCT
- m. Assist with a Gingivectomy and Gingivoplasty
- n. Prepare, place and remove Periodontal Dressing
- o. Prepare Sterile Field
- p. Surgical Scrub
- q. Surgical Gloving
- r. Assisting in a Surgical Extraction
- s. Irrigating a Surgical Site
- t. Wound Care
- u. Assist in a Pulpotomy
- v. Place and remove of socket dressings
- w. Recognizing and Reporting Child Abuse
- x. Select and prefit bands
- y. Assist in Direct Bonding of Brackets
- z. Assist with a Dental Prophylaxis
- aa. Assist in Coronal Polishing

b. Students perform laboratory exercises on manikins

- a. Isolation: Dental Dam (quadrant)
- b. Place and Carve Intermediate Restorations
- c. Pack and remove retraction cord
- d. Assisting in the Delivery and Cementation of a Cast Restoration
- e. Remove cement from restorations and bands.
- f. Fabricate Provisional Restorations (Bridge)
- g. Assist in the Delivery of Partial and Complete Denture
- h. Drying Canals
- i. Expose endo measurement film
- j. Assist in suture Placement

- k. Remove sutures
- l. Select and Pre-fit Stainless Steel Crowns
- m. Place and remove Separators
- n. Place and Remove Arch wires and ties

Assessment

Tests are designed to measure the learning outcomes stated in the master syllabus. They may be multiple choice, true/false, matching, short answer, or essay, type questions.

Tests	50% of grade
<ul style="list-style-type: none"> 1. Intermediate Restorations Test 2. Fixed Prosthodontics & Provisional Coverage Test 3. Pediatric Dentistry Test 4. Removable Prosthodontics Test 5. Endodontic Test 6. Coronal Polishing 7. Oral and Maxillofacial Surgery 8. Orthodontics 9. Dental Implants 10. Periodontics 11. OSHA Compliance Manual 	
<ul style="list-style-type: none"> Homework, Assignments, Professionalism Recall Question : MDA Ch 50 -58 and 60 TBD Rules and Regulation: 48, 50-58, and 60 	
Final Exam	30% of Grade
<ul style="list-style-type: none"> Final Exam 	
20% of grade	
Laboratory Expectations:	
<u>Pass/Fail*</u>	
<ul style="list-style-type: none"> Worksheets: 50- 2&3, 52-1 - 3, 53-1, 54-1&2, 55-1 - 4, 56-4 - 8, 56-1&2, 57-1 &2, 58-1 60-3 & 6, Wound Care, Recognizing and Reporting Child Abuse Skills: 48-5, 50-1, 51-1-3, 55-3&4, 56 7-9, 57-2, and 60-3, 6, and 8 	
Total	100%

*ALL LABORATORY PERFORMANCE OUTCOMES (referred to as “competencies” in the MDA workbook and program-competencies worksheet) MUST BE PASSED TO PASS this course. Passing means the student has successfully performed all steps identified in the competency evaluation form as determined by the laboratory instructor. Each student has three attempts to Pass the competencies.

* If a student is absent form a lab the student will fail all the competencies for day that they missed. Students must meet with the Instructor(s) to reschedule a time to make up the missed lab. Once a date and time has been arranged the student must fill out a Lab Make-up form and sign and date the form. If the student fails to attend the make up lab on the arranged date and time without a doctor’s note or some other form of documentation, then the student will fail their second competencies and another Lab Make-up form must be filled out.

Grading Scale (Departmental)

90 – 100 =	A
80 – 89 =	B
75 – 79 =	C
65 – 74 =	D
Below 65 =	F

A grade of “C: or better is required to receive credit for this class.

Course Delivery Format

Hybrid Format – This format requires significant online activity. Students in hybrid classes must access course content and assessments using the Internet in order to pass the class, whether it meets full-time or part-time in the classroom. Faculty need not hand out a copy of the syllabus and any other required course material, including their contact information.

College Policies

This class is governed by the policies and procedures stated in the current Chattanooga State Student Handbook. Available at http://www.chattanoogastate.edu/Student_Services/pdf/sshand.pdf the 2009-2010 Nursing and Allied Health Handbook (Handout at Orientation) the Dental Assisting Program Policies (Handout at Orientation and posted on E-Learn course website)

ADA Statement

Students who have educational, psychological, and/or physical disabilities may be eligible for accommodations that provide equal access to educational programs and activities at Chattanooga State. These students should notify the instructor immediately, and should contact Disabilities Support Services within the first two weeks of the semester in order to discuss individual needs. The student must provide documentation of the disability so that reasonable accommodations can be requested in a timely manner. All students are expected to fulfill essential course requirements in order to receive a passing grade in a class, with or without reasonable accommodations.

Disruptive Students

The term “classroom disruption” means – student behavior that a reasonable person would view as substantially or repeatedly interfering with the activities of a class. A student who persists in disrupting a class will be directed by the faculty member to leave the classroom for the remainder of the class period. The student will be told the reason(s) for such action and given an opportunity to discuss the matter with the faculty member as soon as practical. The faculty member will promptly consult with the division dean and the college judicial officer. If a disruption is serious, and other reasonable measures have failed, the class may be adjourned, and the campus police summoned. Unauthorized use of any electronic device constitutes a disturbance. Also, if a student is concerned about the conduct of another student, he or she should please see the teacher, department head, or division dean.

Affirmative Action

Students who feel that he or she has not received equal access to educational programming should contact the college affirmative action officer.

Academic Integrity/Academic Honesty

In their academic activities, students are expected to maintain high standards of honesty and integrity. Academic dishonesty is prohibited. Such conduct includes, but is not limited to, an attempt by one or more students to use unauthorized information in the taking of an exam, to submit as one's own work, themes, reports, drawings, laboratory notes, computer programs, or

other products prepared by another person, or to knowingly assist another student in obtaining or using unauthorized materials. Plagiarism, cheating, and other forms of academic dishonesty are prohibited. Students guilty of academic misconduct, either directly or indirectly through participation or assistance, are immediately responsible to the instructor of the class. In addition to other possible disciplinary sanctions, which may be imposed through the regular institutional procedures as a result of academic misconduct, the instructor has the authority to assign an "F" or zero for an activity or to assign an "F" for the course.

Email Communication

Please note all communication with instructors about your course work should be through the eLearn Email system. For assistance on how to use the eLearn Email tool go to this url: http://river.chattanoogastate.edu/orientations/Student_PDFs/eLearn_eMail_aug09.pdf.

For all other communication the official email system used by the college is through Tiger Mail. This is accessible by clicking the blue paw icon from the top right hand side of your Tiger Web home page <https://tigerweb.chattanoogastate.edu/cp/home/displaylogin>.

The instructor reserves the right to modify this syllabus in writing during the course of the semester.

Instructor Policies

- No food, drink or chewing gum allowed in the Clinic
- School Uniforms (scrubs) are to be worn to all labs and make-up labs
- Students may not bring guests, including children to class or lab
- Please set cell phones to vibrate and do not place or accept calls or texts during class or lab instruction
- Electronic equipment, other than a laptop, is not allowed in class or labs
- Audio recorders are allowed only with permission of the instructor
- If you must be absent from a lab, try to make up the lab by attending an earlier or later lab on the same day. The same lab is presented 3 times a day on Wednesday.
- Each student must bring their own typodont to Lab. Failure to bring the typodont will result in a first failed attempt on that competency for that lab.
- Late homework assignments will have 5 points taken off for everyday that the assignment is late.
- If you are confused about a task, concept or assignment, please ask the instructor – not another student.

Important Dates: Refer to www.chattanoogastate.edu for the academic calendar