

CLINICAL-INTRODUCTORY

Lamar Institute of Technology
Dental Hygiene Program

DHYG 1260

Course Syllabus

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INTRODUCTORY CLINICAL DENTAL HYGIENE

Course Description

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

Clinic Goals (with SCANS skills documented)

As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry. (Taken from *WORKFORCE EDUCATION COURSE MANUAL, 2010-2011*, available at:

<http://www.theccb.state.tx.us/AAR/UndergraduateEd/WorkforceEd/wecm/wecmcourse.cfm>

In addition to the above, upon completion of this course the student will be able to:

1. Demonstrate the ability to provide therapeutic dental hygiene care directed towards the treatment of oral disease at Introductory Clinic competency levels as noted in this manual. (SCANS: F1.5, F2.5, F3.1, F5.5, F7.5, F8.5, F9.5, F10.5, F11.3, F12.5, F13.5, F14.2, F15.2, F16.4, F17.4, C1.3, C5.5, C6.5, C7.5, C10.5, C12.5, C13.5, C14.5, C18.5, C19.2)
2. Demonstrate modifications in dental hygiene care for patients with special needs. (SCANS: F1.5, F2.3, F5.5, F6.2, F7.1, F8.3, F9.3, F10.3, F11.5, F12.5, F13.5, F14.1, F17.3, C5.5, C6.3, C7.3, C11.5, C14.5)
3. Apply clinical, communication and patient management skills and didactic knowledge to assess needs, formulate, plan and evaluate a comprehensive dental hygiene treatment plan directed towards attaining and maintaining healthy periodontal tissues for individuals with normal gingiva to those with slight periodontal disease as measured by successful completion of two treatment plans. (SCANS: F1.5, F2.5, F3.1, F5.5, F7.5, F8.5, F9.5, F10.5, F11.3, F12.5, F13.5, F14.2, F15.2, F16.4, F17.4, C1.3, C5.5, C6.5, C7.5, C10.5, C12.5, C13.5, C14.5, C18.5, C19.2)
4. Demonstrate the ability to use professional dental terminology in verbal and written communications. (SCANS: F2.5, F6.5, F8.3, F13.5, C5.3, C6.3, C7.3, C11.5)
5. Demonstrate the ability to maintain dental healthcare records according to industry and HIPAA standards. (SCANS: F2.5, F8.5, F9.5, F13.5, F17.5, C5.5, C7.5, C11.5)
6. React appropriately when confronted with a specific medical/dental emergency. (SCANS: C9.5, C11.3, C14.5, C18.3, C19.3)
7. Function as a member of a dental health delivery team within the dental hygiene clinic. (SCANS: C1.5, C3.3, C4.3, C5.3, C6.3, C7.3, C9.5, C11.5, C12.5, C14.5, C15.5, C16.5, C18.5, C19.3, C20.3)
8. Demonstrate observable behavior in clinic indicating personal knowledge of the concepts that are necessary to develop a professional and ethical value system for their personal practice of dental hygiene, with specific emphasis on patient rights, access to care and the legal responsibilities of the dental hygienist. (SCANS: F5.5, F6.5, F8.5, F12.5, F13.5, F14.5, F15.4, F16.5, F17.5, C9.5, C11.5, C14.5, C16.5, C18.3, C19.5)

SCANS Competencies and Skills

Beginning in the late 1980's, the U. S. Department of Labor Secretary's Commission of Achieving Necessary Skills (SCANS) conducted extensive research and interviews with business owners, union leaders, supervisors and laborers in a wide variety of work settings to determine what knowledge workers needed in order to perform well on a job. In 1991 the Commission announced its findings in, *What Work Requires in Schools*. In its research, the Commission determined that "workplace know-how" consists of two elements: foundation skills and workplace competencies. The three-part foundation skills and five part workplace competencies are further defined in the SCANS attachment.

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Prerequisite/Co-Requisite Courses:

Admittance to the dental hygiene program and DHYG 1401, DHYG 1431, DHYG 1304, DHYG 1235, DHYG 1103.

Credit Hours:

2 Credits 8 Clinic/Lab Hours

Clinic Schedule:

Class meeting times

Monday/Wednesday:	8:00 a.m. to 12:00 p.m.
Tuesday/ Thursday:	1:00 p.m. to 5:00 p.m.

A daily schedule with clinic assignments will be available the first day of classes

Instructors:

Clinic Coordinator: Leslie DeLong, R.D.H., B.S., M.H.A.
Office: Multi-Purpose Building, Room 214
Phone: 409-880-8856
Office Hours: 3-5 pm MW, 8-9 am TR, 7-10 am F

Program/Course Policies:

1. Absenteeism

In order to ensure the students in the dental hygiene program achieve the necessary didactic and clinical competencies outlined in the curriculum, it is necessary that the student complete all assigned lecture classes, clinical and laboratory hours.

If you are unable to attend lecture class, clinic or lab, it is **mandatory that you call the appropriate instructor prior to the scheduled class, clinic or lab time**. The student is responsible for all material missed at the time of absence. Extenuating circumstances will be taken into account. Extenuating circumstances might include: funeral of immediate family member, maternity, hospitalization, etc.

It is expected that students will appear to take their exams at the regularly scheduled examination time. Make-up examinations will be given **only** if the absence is due to illness (confirmed by a physicians' excuse), a death in the immediate family, or at the discretion of the instructor.

Fall/Spring Semesters:

Dental hygiene students will be allowed **two** absences in any lecture, clinic or lab. Absences must be accompanied by a written excuse on the next class day. In the event that a student misses class, clinic or lab beyond the allowed absences, the following policy will be enforced:

2 absences = verbal warning

3 absences = written warning with the Disciplinary Action Form (DAF)

4 absences = grade will be lowered one full letter grade

Summer or 8 week Sessions:

Dental hygiene students will be allowed **one** absence in any lecture, clinic or lab. Absences must be accompanied by a written excuse on the next class day. In the event that a student misses class, clinic or lab beyond the allowed absences, the following policy will be enforced:

1 absence = verbal warning

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2 absences = written warning with the Disciplinary Action Form (DAF)

3 absences = grade will be lowered one full letter grade

Tardiness

Tardiness is disruptive to the instructor and the students in the classroom. It is expected that students will arrive on time for class, clinic or lab, and remain until dismissed by the instructor. If tardiness becomes an issue, the following policy will be enforced:

Tardy 1 time = verbal warning

Tardy 2 times is considered an absence.

2. **The Americans with Disabilities Act (ADA)** The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409) 880-1737 or visit the office in Student Services, Cecil Beeson Building.

Teaching Methodology:

1. One-on-one instruction
2. Demonstration
3. Individual practice
4. Observation and feedback

Required Texts:

1. Fundamentals of Periodontal Instrumentation & Advanced Root Instrumentation*	Seventh Edition	Jill Nield-Gehrig	LWW/ Wolters Kluwer	ISBN 978-1-60913-331-3
2. Clinical Practice of the Dental Hygienist*	Eleventh Edition	Esther Wilkins	LWW/ Wolters Kluwer	ISBN 978-1-60831-718-9
3. Stedman's Medical Dictionary for the Health Professions and Nursing	Seventh Edition		LWW/ Wolters Kluwer	ISBN 978-1-60831-692-2
4. Current Drug Reference book				

Required Materials:

You are required to have all of the instruments and supplies listed in the Student Handbook. It is your responsibility to make sure you do not run out of gloves, masks and any other student purchased supplies.

Evaluation Criteria:

Minimal Competency and Letter Grade

The requirements for each grade are specified on pages 8 and 9 of this manual. Refer to the Introductory Clinic Manual for specific performance criteria for these requirements. Each student must meet at least "minimal competency" at the "C" level. There are different levels of achievement designated for each letter grade. The responsibility for learning is in the hands of the student and the different levels of achievement are meant to identify those who strive for excellence in the clinical setting.

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Course Requirements

REQUIREMENTS THAT MUST BE MET TO RECEIVE A SPECIFIC LETTER GRADE	LETTER GRADE						
	A		B		C		
Competencies							
Instrument Recirculation and Clinic Readiness	yes, first try	yes, first try	yes				Any competency not completed or passed
Patient Assessment	yes	yes	yes				
Pedodontic Patient	yes	yes	yes				
Written Evaluations							
Radiographic Evaluation (Standard films)	yes, first try	yes	yes				Any written evaluation not passed
Radiographic Evaluation (Panoramic film)	yes	yes	yes				
Skill Evaluations							
Mirror and explorer for calculus detection	yes	yes	yes				Any skill evaluation not completed or passed
Sickle scaler	yes	yes	yes				
Universal curet	yes	yes	yes				
Periodontal Debridement	yes	yes	yes				
Using the slow speed handpiece	yes	yes	yes				
Instrument sharpening	yes	yes	yes				
Patient education (3 sessions)	yes	yes	yes				
Patient Requirements							
Options for obtaining points*	I	II	I	II	I	II	Any requirement not completed successfully
Points in Class 1 and/or 2 patients (75%)	10	12	8	10	8	10	
Points in Class 3 patients (75%)	6	9	6	9	6	6	
Points in Class 4 [†] patients (75%)	4	0	4	0	2	0	
Periodontal Case Type 1	6		5		4		
Periodontal Case Type 2	2		2		2		
							Continued----

* The student may choose which option to follow to obtain the correct number of points for the grade they want to achieve. The options cannot be modified in any way or combined.

[†] All class 4 patients will be examined by 2 instructors (3 if class is not agreed upon) to confirm class designation and determine, by consensus, if the patient is appropriate for Introductory Clinic.

¹ Copies of all Skill and Competency Evaluations and instructions are provided in the Introductory Clinic Manual.

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REQUIREMENTS THAT MUST BE MET TO RECEIVE A SPECIFIC LETTER GRADE	LETTER GRADE			
	A	B	C	F
Assessment Instruments: Med/dent history, oral exams, periodontal assessment, dental charting(one DC must be a child, primary or mixed dentition)	8	7	6	Any requirement not completed successfully
Full periodontal charting (Instructor determines patient)	1 Quadrant	1 Quadrant	1 Quadrant	
Quadrants of ultrasonic (Piezo) scaling (Instructor determines patient) at least 1 quadrant must be acceptable	4	4	2	
Polishing or biofilm free	8	7	6	
Standard film full mouth radiographic surveys	5	4	3	
Digital full mouth radiographic survey	1	1	1	
Standard film bite-wing surveys	4	3	2	
Pedodontic or mixed full mouth survey	1	1	1	
Pedodontic or mixed bite-wing survey	1	1	1	
Panoramic films	3	3	2	
Written treatment plans on designated patients	3	2	2	
Community Service hours [†]	10	8	6	

* At least one survey (FMX or BWX) will be taken on a child patient the remaining survey may be taken on a pedodontic manikin.

[†] **Community Service hours are a clinic requirement and must be completed by Thursday May 3, 2012.**

Dental Hygiene Treatment Plans

1. This semester's requirements include two (2) or three (3) acceptable (70% or more) dental hygiene treatment plans.
 - A. One for the patient who will be involved in the Patient Education Skill Evaluations.
 - B. One for a class 3 or 4 patient
 - C. One on a third patient if you are working towards a grade of "A" in this course (any class 3 or 4).
 - D. Instructors may designate lower prophylaxis classes in some situations after the approval of the clinic coordinator or Preventive Dental Hygiene Instructor.
2. All treatment plans will be graded by the student's clinical advisor, unless otherwise indicated.