

**Purpose:** It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

**Course Title** – Clinical Dental Hygiene 1  
**Course Prefix and Number** – DHYG 1261  
**Department** – Dental Hgyiene  
**Course Type:** (check one)

**Division** – Allied Health

- Academic General Education Course (from ACGM – but not in WCJC Core)  
 Academic WCJC Core Course  
 WECM course (This course is a Special Topics or Unique Needs Course: Y or N)

**Semester Credit Hours # : Lecture hours# : Lab/other hours #**     2:0:11

**Equated Pay hours for course** – 2.2

**Course Catalog Description** - An introductory level course. Augmentation of basic instrumentation, professionalism and comprehensive care of patient. Clinical experience in instrumentation and prophylaxis technique on patients including preventive techniques. Further development of concepts of oral prophylaxis and applied preventive measures.

List Lab/ Other Hours
Lab Hours 0
Clinical Hours 11
Practicum Hours 0
Other (list) 0

**Prerequisites/Corequisites** - DHYG 1301, 1431 and 1311 with a C or better.

**Approvals** – the contents of this document have been reviewed and are found to be accurate.

Prepared by <i>Carel Derkowski</i>	Signature <i>C. Derkowski</i>	Date 9-12-07
Department Head	Signature <i>[Signature]</i>	Date
Division Chair <i>Leigh Ann Collins</i>	Signature <i>LAC</i>	Date 9-20-07
Vice President <i>Dr. Ty Pate</i>	Signature <i>Ty Pate</i>	Date 9-26-07



**I. Topical Outline** – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, clinical or other non lecture instruction):

Clinical course. No topical outline

**II. Course Learning Outcomes**

<b>Course Learning Outcome</b>	<b>Method of Assessment</b>
1.Utilize information from the health history, clinical assessment and examination information in administering individualized, comprehensive patient care. Determining any possible need for emergency treatment, physician referral or consultation, special precautions or contraindications of treatment.	1. Daily clinical grades and competency exams
2.Perform, record and assess vital signs for all patients.	2. Daily clinical grades and competency exams
3.Assess the overall oral condition of the patient by correctly performing and recording findings using the following procedures: complete medical and dental history, vital signs, gingival evaluation, periodontal probing, dental charting, intra and extraoral examination.	3. Daily clinical grades and competency exams
4.Utilize effective procedures for maintaining clinical asepsis.	4. Daily clinical grades and competency exams
5.Demonstrate equipment maintenance.	5. Daily clinical grades
6.Demonstrate efficient operator and patient positioning.	6. Daily clinical grades and competency exams
7.Demonstrate consideration and concern for the patients' safety and well-being.	7. Daily clinical grades
8.Apply principles of instrumentation and knowledge of tooth morphology by selecting and utilizing appropriate instruments to remove dental accretions.	8. Daily clinical grades and competency exams
9.Demonstrate correct topical fluoride application, including patient education, instructions and information.	9. Daily clinical grades and competency exams
10.Accurately complete patient chart forms and records.	10. Daily clinical grades and competency exams
11.Graphically represent the patient's teeth with regards to caries, missing teeth, or tooth structure, types and locations of restorations, fixed and removable appliances and developmental anomalies.	11. Daily clinical grades and competency exams
12.Evaluate and respond effectively to the individual needs of the patient, plan treatment and establish a recall regimen to aid in disease prevention.	12. Daily clinical grades
13.Identify patients that would benefit from other clinical services provided by a dentist and/or hygienist and refer those patients to the appropriate service provider.	13. Daily clinical grades and competency exams
14.Demonstrate an effective technique for sharpening instruments.	14. Daily clinical grades and competency exams

### III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.

Wilkins, Esther: Clinical Practice of the Dental Hygienist. 9th Edition

WCJC Dental Hygiene Clinical Manual

Wynn, Richard and Meiller, T. F. and Crossley, H. L.: Drug Information Handbook for Dentistry.

Nield-Gehrig, Jill S. and Ginger A. Houseman: Fundamentals of Periodontal Instrumentation, 5th Edition, Williams & Wilkins,

Clinic 1 instrument kit

Barrier supplies

### IV. Suggested Course Maximum - 28

#### V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.

Dental hygiene clinic with dental units and sterilization area

#### VI. Course Requirements/Grading System – Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course

Clinic = 100%	A= 93-100
Scaling comps = 30%	B= 84-92
Other competency exams = 35%	C= 83-75
Professionalism = 30%	D=74-70
	F= 69 and below

#### Criteria for Clinic Course Grade

All criteria for a grade of A, B, or C must be met no later than the last regularly scheduled day of clinic in the semester.

Criteria for Passing Clinic portion:

1. Successful completion of all course requirements.
  2. Completion of regular competencies with a grade of 1 or 2.
- (See “Grading of Individual Procedure Demonstrations” in Clinical Manual for grade system explanation)

Competency Evaluations:

- 1 Health history
- 1 Oral inspection (intraoral/extraoral exam)
- 1 Periodontal assessment
- 1 Dental charting (minimum of 4 restored/sealed teeth)
- 1 Preventive counseling
- 2 Class 1 scaling
- 1 Instrument sharpening .

Grading Criteria:

The following must be completed no later than the last regularly scheduled clinic session to pass DHYG 1261:

- completion of all course requirements; graded and non-graded.
- adherence to attendance requirements.
- demonstration of professional attitudes and behaviors.
- completion or referral of all patients with advisor/instructor approval.
- attendance of advisement sessions.
- completion of faculty tutorials (as assigned by faculty).
- assigned rotations
- maintaining a 75 in scaling competencies and all other competencies.

- completed patient requirements
  - Class 0 & 1 = 8 patients
  - Class 2 = 2 patients
  - Maximum of 1 completely edentulous patient
- all forms, patient charts, critique sheets, 4 week evaluations, data entry forms, dental hygiene care plans must be turned in by 4:00 on the last clinic day

## VII. Curriculum Checklist

- **Academic General Education Course** (from ACGM – but not in WCJC Core)  
No additional documentation needed

- **Academic WCJC Core Course**  
Attach the Core Curriculum Checklist, including the following:

- Basic Intellectual Competencies
- Perspectives
- Exemplary Educational Objectives

- **WECM Courses**  
Attach the following:

- Program SCANS Matrix
- Course SCANS Competencies Checklist



Course Prefix & Number: DHYG 1261	
<b>SCANS COMPETENCIES FOR THIS COURSE</b>	
Competency	Method of Assessment
<b>1 READING:</b> Locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.	Daily clinical grades and competency exams
<b>2 WRITING:</b> Communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.	Daily clinical grades
<b>3 ARITHMETIC OR MATHEMATICS:</b> Perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.	Competency exam
<b>4 SPEAKING AND LISTENING:</b> Organize ideas and communicate orally; receive, attend to, interpret, and respond to verbal messages and other cues.	Daily clinical grades & competency exams
<b>5 THINKING SKILLS:</b> A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively.	Daily clinical grades & competency exams
<b>6 PERSON QUALITIES:</b> A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.	Daily clinical grades & competency exams
<b>7 WORKPLACE COMPETENCIES:</b> resources; interpersonal skills; information; systems; and technology	Daily clinical grades & competency exams
<b>8 BASIC USE OF COMPUTERS</b>	Daily clinical grades

## SCANS Matrix

Program: Dental Hygiene CIP: 51.0602									
LIST ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES									
Competencies								Course Number	Course Title
1	2	3	4	5	6	7	8		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BIOL 2401	Anatomy & Physiology I
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BIOL 2402	Anatomy & Physiology 2
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BIOL 2420	Microbiology
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ENGL 1301	English Composition
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SPCH 1315 (or 1318 or 1321)	Fundamentals of Speech
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SOCI 1301	Intro to Sociology
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PSYC 2301	Intro to General Psychology
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HUMA	Humanities
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DHYG 1223	Dental Hygiene Practice
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DHYG 1227	Preventive DH Care
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DHYG 1235	Pharmacology for the DH
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DHYG 1261	Clinical DH 1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DHYG 1271	Service-Learning for Local Need
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DHYG 1301	Oral-Facial Anatomy, Histology, Embryology
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DHYG 1304	Dental Radiology
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DHYG 1307	General & Dental Nutrition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DHYG 1311	Periodontology
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DHYG 1315	Community Dentistry
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DHYG 1319	Dental Materials
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DHYG 1339	General & Oral Pathology
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DHYG 1431	Pre-clinical DH
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DHYG 2201	Contemporary DH Care 1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DHYG 2231	Contemporary DH Care 2
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DHYG 2362	Clinical DH 2
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DHYG 2363	Clinical DH 3
								COMPETENCY REFERENCES	
								<b>8 Basic use of computers</b>	
								7 <b>Workplace Competencies:</b> resources; interpersonal skills; information; systems; and technology.	
								6 <b>Personal Qualities:</b> A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.	
								5 <b>Thinking Skills:</b> A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively.	
								4 <b>Speaking and Listening:</b> Organize ideas and communicate orally; receive, attend to, interpret, and respond to verbal messages and other cues.	
								3 <b>Arithmetic or Mathematics:</b> Perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.	
								2 <b>Writing:</b> Communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.	
								1 <b>Reading:</b> Locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.	