

## **COURSE INFORMATION**

<b>COURSE PREFIX/NO.</b>	<b>DHG 154</b>
<b>COURSE TITLE</b>	<b>Pre-Clinical Dental Hygiene</b>
<b>LECTURE HRS/WK.</b>	<b>2.0</b>
<b>LAB HRS/WK.</b>	<b>6.0</b>
<b>CREDIT HRS/SEMESTER</b>	<b>4.0</b>

## **DL ATTENDANCE/VA STATEMENT TEXTBOOK INFORMATION**

**Entry Level Skills** – Admission into the Dental Hygiene Program

**Pre-Requisite** – None

**Co-Requisite** – DHG 125 & DHG 115

## **COURSE DESCRIPTION**

This course is a study of the basic principles of infection control, instrumentation, instrument design, and fundamental skills necessary to perform in subsequent dental hygiene courses.

## **CLINICAL COMPETENCY:**

Upon completion of this course, the student will be able to display knowledge and demonstrate skills in patient care to include: Infection control practices, patient and operator positioning, assessment, basic instrumentation, patient education, completion of clinical forms and oral prophylaxis. Proficient level of performance will be expected on a Class I patient in this course; novice level of performance is acceptable for more difficult patients.

## **COURSE COMPETENCIES:**

Upon successful completion of this course, the student will be able to perform the following objectives stated in each module.

### **Module I – Introduction to Dental Hygiene & Professionalism**

1. Discuss the role and functions of the Registered Dental Hygienist.

### **Module II – Infection Control**

2. Have knowledge of and practice effective infection control procedures in preventing the transmission of disease.

### **Module III – Ergonomics of Patient Care**

3. Position the client, operator and dental equipment to allow for comfort, accessibility and maximum visibility and illumination.

## **Module IV – Instrument Identification & Basic Principles of Instrumentation**

4. Have knowledge of instrument design and recognize various instruments utilized in basic instrumentation.
5. Identify and classify basic dental hygiene instrumentation.
6. Demonstrate the proper grasp, insertion, activation and adaptation of basic instrumentation utilized in the practice of dental hygiene.

## **Module V – Assessment & Record Keeping**

7. Perform a thorough, systematic extraoral and intraoral examination using appropriate examination techniques.
8. Identify normal findings, and recognize common deviations from normal.
9. Record a scientific description of abnormal findings.
10. Accurately record findings of the dental and periodontal examination on the York Technical College Dental Chart.
11. Document all services on the Dental Hygiene Clinic Form-Treatment Record.

## **Module VI – Dental Deposits, Coronal Polishing & Patient Education**

12. Recognize and describe the location, distribution and amount of hard and soft deposit present.
13. Demonstrate the proper coronal polishing procedure.
14. Discuss oral hygiene practices for the dental patient.

## **COURSE REQUIREMENTS**

In order to successfully complete DHG 154, and be promoted to DHG 165 Clinical Dental Hygiene I, the student is required to fulfill the following requirements.

1. Attend lecture and lab sessions. The student is responsible for all information covered in any session.
2. Complete all reading assignments. The student is responsible for all information in reading assignments regardless of extent of discussion in class.
3. Successfully complete all tests with a minimum average grade of 80%.
4. Successfully complete all competency skill sheets with a minimum average grade of 80% and apply concepts from all courses to clinical situations.
5. Adhere to the Infection Control Policy.
6. Adhere to the Dress Code.
7. Contact instructor prior to class/lab for unavoidable absence **(327-8039 or 1-800-922-8324 ext. 8039)**.
8. Exhibit professional maturity and development of clinical judgement acceptable to faculty.
9. Participate in a Community Service Activity as directed by the course instructor.
10. Adhere to all HIPAA policies regarding patient confidentiality.
11. Shadow a Senior Dental Hygiene Student in York Technical College's Dental Clinic.
12. Complete assessment, patient education, scaling and coronal polishing on a patient.

## ATTENDANCE POLICY

Students are expected to attend all lecture and lab sessions of DHG 154. If an absence is unavoidable, the student must contact the instructor prior to the class and/or lab session. Failure to attend class will result in an absence. **If a student is absent more than three (3) consecutive days, a doctor's statement will be needed.** Students who are absent from class more than 20% of the hours assigned will be withdrawn. Refer to the York Technical College Student Handbook.

## ACADEMIC INTEGRITY:

The policies stated in the *York Technical College Catalog and Handbook* will be enforced. “The College reserves the right to decline admission, to suspend, or to require the withdrawal of anyone whose conduct is disruptive to the educational process. Any student caught cheating or involved in any other academic dishonesty will be given a grade of zero (0) and will be subject to further disciplinary action”.

## METHODS OF INSTRUCTION

Lectures	Laboratory applications
Reading assignments	Over-head projections
CIT's	Demonstrations
Discussions	Peer Teaching/Review
Audio-visual materials	WebCT

There are lesson objectives which correspond with each lecture, and these are available on WebCT. The theory will be given in the lecture session to include discussion and question and answer sessions.

The pre-clinical lab sessions will provide the student with hands-on instruction and application. The lab instructors will demonstrate the proper utilization of the equipment in the dental clinic, operation of the equipment in the sterilization room, infection control, patient and operator positioning, instrumentation techniques, assessment of the dental patient, patient education and coronal polishing. There will also be time to include discussion and question and answer sessions.

## MINIMAL STANDARDS

Students must have a final average of 80% or better in lecture and a final average of 80% or better in the pre-clinical laboratory component of this course. If either the lecture or the lab average is below 80%, the student will not pass this course. The student must receive a passing grade in this course to continue in the Dental Hygiene Program.

## EVALUATION STRATEGIES

### Written Tests

Each module will have a minimum of one (1) test. All tests will be announced one (1) week prior to the testing date. Each test will be timed on the basis of content. The test will be constructed with multiple choice questions, matching, fill in the blank, case based history, listing and theory applications (short essays). **If a student will be absent on the day of the test,**

**she/he is to contact the instructor prior to class.** If a student is not present on the day of the assigned test, the grade for the test will be dropped one letter grade. The student must make an appointment with the Assessment Center (981-7176). The test must be taken prior to the next class meeting. If a student fails to make up the test, the student will receive a grade of zero (0) on the test. No test will be returned to the student until all students have taken the test.

### **Pre-Clinical Lab Competencies**

It is imperative that the student attends all lab sessions. New material along with a demonstration will be conducted each week. The lab sessions will begin promptly at 9:00 and 1:00. Students are required to be in proper clinical attire. This includes but is not limited to: neatly pressed scrubs, white leather shoes and white socks, nametag, hair, jewelry (NO oral or facial piercings permitted), and nails properly manicured (NO finger nail polish and NO Acrylic nails permitted). **If a student arrives in improper clinical attire, he/she will be dismissed from the session until corrections are made. Any student who is habitually late for lab will not be allowed in the clinic until a break is given.**

All competency skills assessments will be announced a minimum of one (1) week prior to the check-off. If a student is not present on “check-off” day, each missed competency will be dropped one letter grade. She/He must make-up the missed competency(s) on a designated date set by the instructor. In the event the student fails to attend the makeup day, a grade of zero “0” will be given and the student may be dismissed from the Dental Hygiene Program.

### **Competency Skills Certification**

The following is a list of competencies that will be achieved in this course. These competencies will be graded under “Skills Maintenance” during subsequent semesters.

1. Unit setup and breakdown (proper infection control procedures)
2. Identification, description and operation of the dental unit, clinical equipment, and equipment in the sterilization room.
3. Correct positioning of the operator and patient for delivering dental treatment.
4. Functions of the dental mirror.
5. Identification and area of use for each instrument in the student cassettes.
6. Identification of the parts of each instrument (correct working end, cutting edge, terminal shank),
7. Proper grasp, fulcrum, insertion, adaptation and walking stroke of dental hygiene instruments.
8. Correct coronal polishing technique.
9. Patient Assessment

### **GRADING**

The final grade for DHG 154 will be determined as follows:

Lecture	50%
Pre-clinic Lab	50%
	100%

The grading scale for DHG 154 is as follows:

A	94-100
B	87-93
C	80-86
F	79.9 and below

There will be no rounding up of grades to achieve the 80% competence!

Effective:FA2005