

# **Dental Hygiene Program Assessment Plan**

**Last Revised 11/2/2009**

## **Catalog Description**

Successful completion of this program leads to an associate in applied science degree and is designated as an extended degree program in that the student must complete a minimum of 73 or more required credit hours. The program prepares selected individuals through theory and clinical experiences to assume the responsibility of providing safe, competent care for the dental patient in the prevention of oral disease. Students must first be admitted to the college and designate dental hygiene (DHY) as their curriculum and Highland Lakes (HL) as their home campus. Dental Hygiene courses involving the clinical experiences are offered only at the Highland Lakes Campus. Registration in the dental hygiene courses is possible only after the student is admitted to the dental hygiene program through a selection process based on a system of priorities. Beginning with the selection process for fall of 2009, the prospective dental hygiene students will be chosen based on the grade point average (GPA) of the pre-requisite courses. If duplications based on pre requisite GPA exists, students will be ranked according to the earliest date of completion of pre requisite courses. All requirements must be completed by no later than December 15th of the year preceding intended enrollment into the dental hygiene program.

## Dental Hygiene Program Assessment Plan

### Learning Outcome

Students will use critical thinking to apply theoretical knowledge to the practice of dental hygiene.

<b>Benchmark</b>	<b>Assessment Method</b>	<b>Assessment Date</b>
176.1A 100% of the students will use critical thinking to apply clinical and theoretical knowledge at $\geq 75\%$ competency to the treatment of patients following the DHY rubric.	Student performance on a variety of assigned clinic patients to show a progression in the ability to use critical thinking to comprehend, integrate and apply theoretical knowledge to the treatment of patients in DHY 1281, DHY 1282, DHY 1283 and DHY 1284.	7/1/2010
176.1B 100% of the students will use critical thinking to create a capstone project/case studies at $\geq 75\%$ competency following the DHY rubric.	Students performance on capstone projects/case studies in DHY 1282, and DHY 1284 requiring critical thinking to analyze data and design a care plan for a variety of patients.	7/1/2010
176.1C 100% of the students will use critical thinking to achieve $\geq 75\%$ score on the stand alone questions and case-based competencies of the National Board of Dental Hygiene exam.	NBDHE results for individual students.	6/1/2010

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### Learning Outcome

Students will use clinical judgment and decision making abilities to select instruments, equipment, and technology for providing competent dental hygiene.

Benchmark	Assessment Method	Assessment Date
176.2A 100% of the students will use clinical judgment and decision making abilities to select treatment for patients at $\geq 75\%$ competency using a competency-based rubric.	Students selection of care modalities for clinic patients in DHY 1281, DHY 1282, DHY 1283 and DHY 1284.	7/1/2010
176.2B 100% of the students will use clinical judgment and decision making abilities to select the course of action for rendering patient treatment in the clinical setting showing upward progression from $\geq 75\%$ competency following the DHY competency rubric.	Students performance on auxiliary and chair-side procedures in DHY 1282, DHY 1283 and DHY 1284.	7/1/2010
176.2C 100% of the students will use clinical judgment and decision making abilities to write the Objective Structured/Simulated Clinical Exercise at $\geq 75\%$ competency following the OSCE rubric.	OSCE capstone projects in DHY 1282 and DHY 1284.	7/1/2010
176.2D 100% of the students will use clinical judgment and decision making abilities to write at $\geq 75\%$ competency the National Standard Northeast Regional Board exam and on the Computer Simulated Clinical Exercise following the rubric for these exams.	NERB and CSCE results for individual students.	9/1/2010

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## Learning Outcome

100% of the students will apply legal and ethical principles to assigned case studies.

<b>Benchmark</b>	<b>Assessment Method</b>	<b>Assessment Date</b>
176.3A 100% of the students will apply and defend legal and ethical principles to assigned studies at $\geq 75\%$ competency following the DHY rubric.	Completion of legal and ethical dilemma cases in DHY 2320.	7/1/2010
176.3B 100% of the students will support ethical and legal protocol 100% of the time while treating clinical patients following the clinic protocol.	The treatment of clinical patients.	7/1/2010