

Program Outcomes Guide 2018-2019 Academic year

Program Title: Dental Hygiene

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Expected Learning Outcomes:

1. Assess, plan, implement and evaluate patients of all age groups that are medically compromised, have special needs and represent all case types.
2. Interact effectively with patients, peers and dental hygiene care members utilizing professional written and oral communications.
3. Develop and identify of self, supportive of continuous learning and professional endeavor.
4. Apply ethical, legal and regulatory concepts form the ADHA Code of Ethics and the State Dental Practice Act.
5. Initiate and assume responsibility for health promotion and disease prevention activities.
6. Acquire and synthesize information in a critical, scientific and effective manner.
7. Utilize technology effectively as it pertains to the delivery of the patient care and practice management.

Assessment (How do or will students demonstrate achievement of each outcome?)

- Program completion:

Successful completion of all DHY program courses with a final course grade of 75% or better, with the exception of clinic course grades to be 75%, 80%, and 85% or better.

Validation (What methods have you used or will you use to validate your assessment?)

1. Individual course formative and summative assessments
2. Graduate Survey results
3. Completion results
4. Pharmacy Technician Certification Exam pass rates

Results (What do your assessment data show? If you have not yet assessed student achievement of your learning outcomes, when is assessment planned?)

1. Individual course formative/summative assessments:

Course	Pass Rate	Course Average
DHY 101 Dental Hygiene Theory I	80%	84.29%
DHY 102 Dental Hygiene Pre-Clinic	90%	86.78%

DHY 104 Dental Radiology	100%	89.23%
DHY 108 Head, Neck, and Oral Anatomy	100%	90.86%
DHY 110 Dental Hygiene Theory II	100%	87.29%
DHY 111 Dental Hygiene Clinic II	90%	85.62%
DHY 112 Dental Materials	100%	89.99%
DHY 113 General & Oral Pathology	100%	88.38%
DHY 116 Dental Pharmacology	100%	88.40%
DHY 201 Dental Hygiene Theory III	100%	90.17%
DHY 202 Dental Hygiene Clinical III	90%	95%
DHY 203 Periodontics and Advanced Procedures	100%	92.39%
DHY 204 Pain Management in Dental Hygiene	100%	94.55%
DHY 205 Nutrition and Biochemistry	100%	92.9%
DHY 210 Community Dental Health	100%	92.43%
DHY 211 Dental Hygiene Ethics and Jurisprudence	100%	92.50%
DHY 220 Dental Hygiene Theory IV	100%	93.47%
DHY 221 Dental Hygiene Clinical IV	100%	93.78%

2. Graduate survey – 18 students have completed all requirements and courses for the program and will receive their AAS degree.
3. Overall the Dental Hygiene Program – 18 students student have completed all the program requirements/courses and one (1) student had withdrawn from the program, and 2 students were unsuccessful meeting the program requirements.
4. CDCA Clinical Boards all 18 students successfully passed the exam.
5. National Board of Dental Hygiene Exam- no data at this point in time.

Follow-up (How have you used or how will you use the data to improve student learning?)

Data collection and peer review by faculty and members of the Dental Hygiene program advisory board committee will determine changes necessary in program teaching strategies and techniques to ensure students are meeting the outlined learning outcomes. The curriculum is reviewed to be sure that it is following the CODA accreditation standards for Dental Hygiene education, specifically the curriculum must prepare students for practice in a variety of settings and students must acquire knowledge, skills, and abilities needed for practice and successful completion of the CDCA Clinical Board Exam, as well as the NBEDH. Areas for improvement in the curriculum include grade distribution as it is not even, most grades are in the A and B range thus no Bell Curve. An annual review of the Dental Hygiene Program Policies Manual to identify areas which are not clear, and could be interpreted incorrectly. Additionally, the data collected, along with post-graduation tracing of student success is needed for internal and external validation.

Budget Justification (What resources are necessary to improve student learning?)

- Continue unit planning discussions to address the long-term sustainability of the program and all required equipment.
- Planning and replacement of old dental units, 5 per year beginning 2019-2020
- Replacement or repair of Cavitron units, only have 12 functioning in our 18 unit clinic

- Continue discussion with health science director on hiring a third full time faculty, to support the course curriculum.