

Dental Hygiene Department

Dental Hygiene Department Faculty/Curriculum Revision Meeting
May 7, 2024 at 9:00 - 1:00 p.m.

	Present	Absent	Excused
Faculty			
Karen Molumby (Professor)	√		
Christy Bessette (Professor)	√		
Jami Ware (Professor)	√		
Dr. Suni Koshy (Professor)	√		
Yessenia Iglesias (Professor)		√	
Natalie Schmidt (Professor)	√		
Dr. Magdaline Britto (Professor)	√		
Jaslyn Morgani (Staff Assistant)	√		

Administrative

a. Dental Clinic Floor Repair:

- i. The Flooring in A-150 (A & M) the floor was adapted to be less sloped. A recommendation for a clear mat-like glass is being considered to go over the rails to permit movement on the operator stool from the dental unit to the works station more seamless.

b. Dental Radiology: 8 radiology training manikins were shipped for summer camp to be repaired. The units are expected to be returned in 14 weeks. The units should return in October-November 2024.

c. Simple Syllabi –

- i. DEH 2804, Dental Hygiene III and DEH 2804L are posted for students
- ii. The fall semester syllabus will need to be ready by July 2024. Students can view the calendar and access what assignments are due for every fall course.
- iii. The spring 2025 course shells should populate by September. The syllabus should be posted for spring by Thanksgiving.

d. Interview Committee Faculty

- i. Dental Hygiene Clinical Instructors will continue to serve on the interview committee for the Clinical Coordinator, Dental Hygiene position.

e. Front Office

- i. Patient Survey week – the first week in June.
- ii. Fall Schedule- the fall schedule will have the patient(s) who will be screened to fill cancellations for students that are scheduled to treat patients.
- iii. Clinic will be designed to have all students on Tuesday and 12 students on Thursday.

f. Office hours - faculty are to update work calendars for the summer semester

- i. Comp days were discussed as well as personal days to occur prior to July 1, 2024.

g. Accreditation updated documents-

1. **Verification of Textbooks, instruments, small and large equipment** documents will be updated as received from the vendors. Task to be completed by the end of the summer.

d. Clinical Issues

i. Tal eval

- Tal eval will only be completed for new patients for the rest of the program for the class of 2025.
 - a. No summer chart reviews.

- PPE protocol – The PPE for the students will include a face shield, hair net, one mask, and safety glasses.
- e. **Faculty Clinical Evaluations (Spring 2024)**
Faculty evaluation results were provided in April and their Clinical improvement plans should be sent no later than May 10, 2024.
- f. **Program Examination and Licensure Examination Statistics**
 - a. NBDHE –The Program pass rate was 94% on the 1st attempt. The student who failed is schedule to retake the exam on May 9, 2024.
 - b. CSCE – 100% pass rate for 14-consecutive years
 - c. MTCE- 100% of the student passed the MTCE exam on the first attempt.
 - d. Florida Law Exam –A 100% pass rate on the first attempt was achieved by the Cohort Class of 2024.
- g. **Program Statistics**
 - a. Class of 2024 – **The Program Exit Survey** which is designed for students to evaluate their progress throughout the entire program was distributed. The response rate was approximately 41%. Faculty reviewed the responses.
 - b. **6-month graduate Survey: Class of 2023:** The graduates support the engagement of 5-8 patients/day to assist with the transition from school to private practice, more local anesthesia practice and treatment planning of restorative needs.
- h. **Program Award Letter** –
 - a. The 2024 program award letter notifications were presented to the recipients after their last clinic day.
- i. **St. Petersburg College BASDH Application:** Several member students from the Class of 2025 have expressed an interest in obtaining their BS degree during the program. They will be provided with information pertaining to the program on May 13, 2024.
- j. **Program Selection:**
 - a. Class of 2026 – 32 Candidates were asked to complete the CBC/drug screen. Only 30 completed this requirement. 18 applicants were sent acceptance letters and 5/11 returned alternate letters. The 18th member accepted the final seat on May 7, 2024.
- k. **Fall Semester Preparation -**
 - a. Program Orientation - Cohort Class of 2026
 - 1. The first program orientation is scheduled for May 31, 2024.
 - a. Class uniform color: The color for the Class of 2026 will be black. Uniforms will be ordered from Sew Shore in Naples.
 - 2. Class of 2026
 - a. The 2nd Orientation for the Cohort Class of 2026 is Monday, August 12, 2024. The following topics will be covered:
 - 1. Distribution of the instrument kit and uniforms.
 - 2. HIPAA, Bloodborne Pathogens, OSHA, BMW training.
 - a. Jami and Magdaline will present these topics.
 - 3. Study Skills presentation will be presented by Natalie.
 - 4. Program director meeting w/students at the library.
 - 3. August 20, 2024: There will be no clinic. The class of 2025 will start clinic on Thursday, August 22, 2024. The following tasks will occur on Tuesday
 - a. Student clinic set-up
 - b. Medicament presentation with the students
 - c. HIPAA, Bloodborne Pathogens, OSHA

- d. Course instructors – Online orientation w/students
- e. Program director meeting w/students

j. **Fall 2024 final exam schedule will be the following:**

Sophomore students (Class of 2025)

- November 18 (Dental Hygiene IV) @9:00 online
- November 25 (Oral Pathology) @9:00 online
- November 2 (Community Dental Health) @9:00 online

Freshman students (Class of 2026):

- November 13 (DM Lab final) @12:00 on campus
- November 20 (Dental Materials) @8:00 online
- November 25 (Dental Hygiene) @8:00 online
- December 2 (Dental Anatomy) @8:00 online
- December 4 (Oral Histology) @8:00 on campus/online
- December 6 (First Patient). @8:00-5:00 on campus

- k. **The EMS Simulation and First Patient** - exercise will be held on Thursday, November 21, 2024 as well as the first patient day which is tentatively scheduled for Friday, December 6, 2024. The dentists will need to make their schedules available to participate.

l. **Disposition of Records:**

- Course examinations from the spring semester of 2023
- Applicant program admission records from 2019.
- Graduate records from 2019.

- m. **Perkins Funding:** Faculty will need to make requests for small and large equipment for the classroom and/or clinic.

a. 12 cavitron units have been recommended for 2024. The cost is 6,000/manikin.

n. **Program Goals and Mission Statement:**

The Program goals will remain the same. These goals are listed in each course syllabus. How the goals are met is documented in a program report and transferred to the Compliance Assist report at the end-of-the semester. The final report is completed by the end of June. The use of results is the information transferred to the next academic year.

o. **Instructor Key Concepts -** Topics discussed were:

- a. Voice overs for all PP for every lecture course
- b. Remediation – clinical and didactic remediation was explained and protocol reviewed. Faculty were provided a copy of the remediation form as a reference.
- c. Proctorio Examinations - require final exam and any other course
- d. Release of Semester Examinations – Exams are not released until the last exam has been taken. These examinations are not reviewable by students.

- p. **Kaltura** - The college is looking at another format once the Kaltura contract expires in June 2025.

- q. **Program Statistics- current and previous** – The faculty reviewed statistics pertaining to each course and the significance it has in shaping the preparation of student for the licensure examinations.

- r. **FT/PT Program Enrollment Explanation-** The faculty were shown a preliminary work up of the proposal to increase the enrollment numbers.

- s. **Cleaning out the dispensary** – The goal is to remove items that do not serve a purpose for the program. This will be accomplished in July/August.
- t. **Institutional Effectiveness (IE) Report – June 2024:** Compliance Assist Reports
1. **NBDDHE** – **Results:** 100% of the Cohort Class of 2024 passed the NBDHE and maintained >1.0 SD above the NBDHE standard deviation and maintain above average for 11/14 subject areas.
Use of Results: The dental hygiene course final examinations will continue to focus on the inclusion of a case-study question format to maintain an overall standard deviation score above the national average.
 2. **CSCE** – **Results:** 100% of the Cohort Class of 2024 passed the CSCE examination on their first attempt for the 13th consecutive year.
Use of Results: The program will update the mock didactic exams. The results from this examination will assist the program in improving SLO in dental core courses and to ensure students pass the CSCE for the 14th consecutive year for the Cohort Class of 2025.
 3. **MTCE - Clinical Board** – **Results:** 100% of the Cohort Class of 2025 passed the MTCE examination on their first attempt.
Use of Results: The dental hygiene will continue to do a mock board MTCE examination using models that will mimic the MTCE examination sponsored by ADEX.
 4. **Florida Law Examination** – **Results:** 100% of the Cohort Class of 2024 passed the Florida Law Examination.
Use of Results: the mock Florida law exam in the DEH 2930, Seminar course will maintain an “open-book” and computerized format to maintain the programs' 100% pass rate on the Florida Law exam for the Cohort Class of 2025.
 5. **Patient Surveys** – 2023-2024 Annual Patient Survey
 - a. **Patient Care Services Response Results:**
Results: The program captured 42 patient survey responses as well as a 94% of the respondents were satisfied with the student’s delivery of patient care services as measured by the patient surveys collected for the AY 2024-2025.
Use of Results: At the **May 7, 2024** faculty meeting, the faculty reviewed the survey feedback and be able to resume the distribution of the patient surveys 1-2x/semester and to maintain a >90% patient ranking of very good to excellent satisfaction in the delivery of patient care services for the AY 2024-2025.
 - b. **Operational Outcomes Response**
Results: 98.6% of the respondents stated that their experience was very good to excellent.
Use of Results: The Dental Clinic Operational Outcome Clinical Survey helps to determine the effectiveness of the daily operations of the dental clinic when providing dental hygiene patient care services to our community patients. The program conducts quarterly patient surveys to solicit feedback on the dental clinic's daily operations. The program was able to capture 42 patient survey responses and of those responses, 98.6% of the respondents ranked their satisfaction as very good-to excellent with the daily operations of the dental clinic. At the May 7, 2024 faculty meeting, the program will continue to solicit feedback from the patient surveys to ensure we achieve a >90% ranking of very good to excellent patient satisfaction with the daily operations of the dental clinic for the AY 2024-2025.

6. **Class of 2024 – Program Exit Survey**

Results: The AS Dental Hygiene Class of 2024 respondents were satisfied with their ranking of agree-to-strongly agree for the 57/60 survey questions. The areas of concern were related to administration of local anesthesia, indices, and to provide patient care services for 5-8 patients/day.

Use of Results: The faculty discussed at the May 7, 2024, the responses from the Cohort Class of 2024. A total of six students provided feedback. The areas of concern were related to IOC, indices, provide services for 5-8 patients/day and provide life support measures for medical emergencies. The program will continue to incorporate the 6-8 patients' protocol in February through April, incorporate indices and IOC skills for the AY 2024-2025.

7. **Quality Assurance (DHCP and Patient Chart Review):** - Analysis:

Results: The 2023-2024 results reveal the students scored an overall program average of 90% for the patient and DHCP chart review.

Use of Results: During the May 7, 2024 faculty meeting, the faculty determined that the goal for the Cohort Class of 2025 would be to resume the quality assurance collection to maintain a program average of >90% to address all the components of the ADPIED, Dental Hygiene Process of Care model to prevent medical errors in AY 2024-2025.

8. **Clinical Advising Class of 2024 –**

Results: The Dental Hygiene Class of 2024 scored an overall program average of 92.6% on their Clinical Advising/Self-Assessment evaluation to assess students' clinical and professional growth.

Use of Results: The Cohort group was impacted with inoperable IPAD computers that limited the program in the collection of clinical advising data. The goal for the Cohort group of 2025, is to resume data collection using the surface pro computers to maintain a programmatic average of self-assessment of student's clinical procedures of >90% for the AY 2024-2025.

9. **Faculty Clinical Instruction Analysis** –DEH 1802L and DEH 2808L Faculty Evaluations.

Results: 88.8% of the Cohort Class of 2024 and 2025 identifies that the faculty maintained their ranking of "Most-of-the Time to Always" in all categories as measured by the Dental Clinical Faculty survey.

Use of Results: The goal for the faculty is to improve the overall programmatic instructional ranking of >90% for all clinic survey categories for the AY 2024-2025.

10. **Program Analysis Results for the Class of 2024** - The faculty reviewed the program outcomes obtained by the Class of 2024. This information is collected for every clinical course. The information is used to identify areas to either maintain or improve upon within the program.

a. Program Semester Comparison of the ADPIED, DH Process of Care evaluations.

b. Program Analysis of Patient Types

c. End-Product/Radiographic Patient Exposure Progression

d. Special needs designation

a. **ADPIED, DH Process of Care:**

Results: The Program implements clinical competencies and capstone evaluations to identify whether students are competent in the application of theoretical concepts in the delivery of patient care services in a clinical setting with diverse populations. The Cohort Class of 2024 scored an overall class average of 96.9% for their performance on clinical and capstone skill evaluations required to progress to graduation.

Use of Results: During the May 7, 2024 faculty meeting, the goal for the Cohort Class of 2025 is to maintain an overall programmatic class average of >95% for the clinical and capstone performance skill evaluations for the AY 2024-2025.

b. **Program Analysis of Patient Types:**

Results: 100% of the AS Dental Hygiene Cohort Class of 2024 provide dental hygiene patient-care services to **154** patients/student to include 29% diverse populations that are classified as specific periodontal case types for the child, adolescent, adult, geriatric and special-needs designations.

Use of Results: The goal for the Cohort Class of 2025 is to maintain a programmatic average of >150 patients/student of which more than 20% will be special needs.

c. Program Clinical Radiographic Patient Exposure Progression:

Results: 100% of the AS Dental Hygiene Class of 2024 scored an overall program average of 98% to effectively expose, process and evaluate radiographs as measured by the radiographic competencies.

Use of Results: During the May 7, 2024 faculty meeting, the faculty will continue to reinforce equal distribution of radiographic exposures. By the end of the spring 2025 semester, the Cohort Class of 2025 will maintain an overall program average of >90% to effectively expose, process and evaluate radiographs for the AY 2024-2025.

IE – CODA - STUDENT LEARNING OUTCOMES/CURRICULUM REVISION

11. **Curriculum Revision for spring 2024 Course** -The faculty review the curriculum each semester by having each individual course instructor discuss their Student Learning Outcome results and how they plan to improve their course(s). The courses reviewed in spring were: Expanded Functions, Pharmacology, Periodontics, Dental Hygiene II & V, Seminar, Radiology and Dental Hygiene II & V Clinic.

DEH 1802 Dental Hygiene II Comprehensive Final Examination-

Results: 78% of the Cohort Class of 2024 scored a four or higher on the final exam.

Use of Results: The topic of fluoride needs to be addressed/improved. The question missed the most was on the Dean Fluorosis Index. For next year, I will incorporate learning activities or review questions related to Dean Fluorosis.

DEH 1802 Dental Hygiene II Written-Oral Assignments:

a. Smoking-Cessation

Results: Class of 2025 scored an average of 95% on this assignment.

Use of Results: Deficiencies were noted for font error and APA formatting errors in reference page and in-text citations.

b. Nutritional Counseling

Results: Class of 2025 scored an average of 100% on this assignment.

Use of Results: No deficiencies were noted. 100% of students completed assignment with no errors for presentation topic and time frame

1. DEH 1802L-: Dental Hygiene II Clinic

Results:100% of the Cohort Class of 2024 scored a class average of 96.2% on all DEH II patient care competencies

Use of Results: The students had the benefit of taking multiple FMX and Panoramic radiographs this semester in clinic and GKAS day. These exposures are a result of incorporating a family day and moving GKAS day back to March to take advantage of panoramic exposures earlier in the program. The program will continue to be in place for the Cohort Class of 2024 to enhance theoretical concepts.

2. DEH 1602 Periodontics Comprehensive Final Examination –:

Results: 83% of the Cohort Class of 2025 scored a 3 or higher on the final examination

Use of Results: Use additional power points in the discussion of diagnostic decisions and treatment planning, nonsurgical vs surgical periodontal therapy and include videos of the procedure.

3. DES 1200C Dental Radiology Comprehensive Final Examination:

Results: 75% of the Cohort Class of 2024 scored a three or higher on the final examination.

Use of Results: Goals to improve in teaching legal/ethical considerations for radiograph, basic principles of dental radiography and ionizing radiography. This is an area that they review themselves at home. Will try to incorporate Pear Deck to be able to ask them polling questions on the subjects they were supposed to review themselves or possibility incorporate pre/post quizzes. To see how well they are understanding the subject. Was a little surprised by the technique/landmark interpretation errors as evident by the lab competency results. I think students are answering the questions too quickly. They are not taking the time to reading the entire question. When key words are overlooked in the landmark description, they choose the incorrect answer. I do feel like students do not utilize their full time allotted for the exam because so many of them finish early.

Radiographic Interpretation – Lab section

Results: 100% of the Cohort Class of 2024 scored a three or higher on the final examination.

Use of Results: Goal is to improve scores overall by continuing to work on different learning activities in the classroom to continue to help students with interpretation and technique evaluations. Example might be to incorporate Pear Deck into my learning activities in the classroom so all students have a fair chance at answering the questions.

Radiology Research Paper

Results: 99% of the Cohort Class of 2024 scored a 2 or higher on the research project.

Use of Results: Overall, very pleased with the scores related to the research paper. Still seeing that points are taken off in grammar and APA categories. Goal for next year will be to continue improvement in grammar and APA by utilizing the Purdue Owl Website and making sure students are aware of the FSW writing center.

4. DES 2832C Expanded Functions Comprehensive Final Examination:

Results: 97% of the Cohort Class of 2022 scored a three or higher on the laboratory competencies.

Use of Results: This class performed satisfactorily on this exam with scores ranging from 48% to 92% with a class average of 78%. There are questions that involved critical thinking in relating these topics of clinical dentistry to actual clinical practice. Additionally, there is an emphasis on how the Florida Statutes relate specifically to the topics being presented. This class was very engaged in the lectures which were all voice overs and discussions throughout the semester and at the end through Zoom, which enhanced the learning environment and there was significant interest in the topics as they relate to clinical practice which culminated in the final exam results. The treatment planning sessions were an integral part of the course with the goal of having the students apply the knowledge they have learned throughout their education into an actual clinical situation. I initiated preparation well in advance through a “back and forth” dialogue with each individual student about their specific case through Canvas. This encouraged critical thinking regarding current concepts, as well as the actual treatment presentation itself. My goal was to have them view oral health and oral health care on a comprehensive basis. This discussion progressed and culminated with the actual presentations. But due to the onset of pandemic, I changed this presentation as voiceovers and peer review. The student’s presentations ranged from excellent to mediocre. The students level of understanding on various aspects of clinical dentistry, that will be presented in every day practice was outstanding and I feel it was a success.

DEH 2832C Laboratory

Results: 74.9% of the Cohort Class of 2024 scored a three or higher on the laboratory competencies.

Use of Results: There are questions that involved critical thinking in relating these topics of clinical dentistry to actual clinical practice. Additionally, there is an emphasis on how the Florida Statutes relate

specifically to the topics being presented. This class was engaged in the lectures which were all voice overs and discussions throughout the semester and at the end through Zoom, which enhanced the learning environment. The treatment planning sessions were an integral part of the course with the goal of having the students apply the knowledge they have learned throughout their education into an actual clinical situation. I initiated preparation well in advance through a “back and forth” dialogue with each individual student about their specific case through Canvas. This encouraged critical thinking regarding current concepts, as well as the actual treatment presentation itself. My goal was to have them view oral health and oral health care on a comprehensive basis. This discussion progressed and culminated with the actual presentations which were voice overs and peer review. The student’s presentations were good, some excellent some below standard. I felt the students lost their enthusiasm at the END. and there was NO significant interest in the topics relating to clinical practice, and felt as a negative from this class. I am hoping a different outlook from the future class which will help with a better performance

5. **DEH 2300 Research Report**

Pharmacology Research Paper

Results: 100% of the Cohort Class of 2024 scored a three or higher.

Use of Results: The goal of this assignment is for the student to research various drugs commonly used in the local patient demographics and apply the didactic knowledge of the pharmacology of these drugs to a practical clinical example. The papers were fairly well written with an acceptable level of effort put into the assignment by the great majority of the students. This assignment will be continued for the next year.

Pharmacology Comprehensive Final Examination

Results: 92% of the Cohort Class of 2024 answered 6 out of 10 questions on the final exam/outcome correctly. The final Cohort Course final exam average was 75%.

Use of Results: The professor’s background teaching in the clinic will help the students to understand the relationship of the medical condition with the interaction of several drugs and its effect on oral health. The relevant and necessary information was explained to the students. Following the results above I would recommend adding polls and other learning activities during the course to allow for more engagement and better understanding of the material to make it easier to apply in practice.

DEH 2808L Dental Hygiene V Clinical Competencies -

Results: The Cohort Class of 2023 overall course average for patient care and radiographic competencies was 96.7%.

Use of Results: The program will maintain the current competencies.

6. **DEH 2808 Dental Hygiene V Resume**

Results: The Cohort Class of 2023 scored a class average of **94%** on the Resume Assignment.

Use of Results: The overall appearance of the resume was fantastic. The errors that the Cohort had was reversing the of the education and work experience section and omitted the community service on their resume. The PP will need to emphasize that a new graduate will need to have their degree listed first and then their work experience since the job they are seeking as a dental hygienist will be a first-time employment situation.

7. **DEH 2930 Seminar**

Portfolio:

Results: 95% of the Cohort Class of 2023 scored a three or higher on the portfolio assignment.

Use of Results: Students added an image to each page which made the presentation more appealing. The students did an excellent job portraying who they are and goals for their careers.

DEH 2930 Case Presentation:

Results: 100% of the Cohort Class of 2023 scored a two or higher on the case study assignment.

Use of Results: The students presented excellent case study presentations. The quality of radiographs and IOC photographs enhanced their presentation. The voice-over presentations were outstanding. Students were proud of their cases and talked passionately about their results. The oral case presentation criteria will be maintained.

DEH 2808 Seminar Comprehensive Florida Law Examination:

Results: The Class of 2023 scored an overall law exam average of 82.7%

Use of Results: The examination will continue to be an open book test. The two students who did not prepare well for the exam doesn't reflect the 82% of the cohort who did complete the examination successfully.

The next faculty meeting is scheduled for August 15-16, 2024.

Respectfully submitted,

Karen Molumby