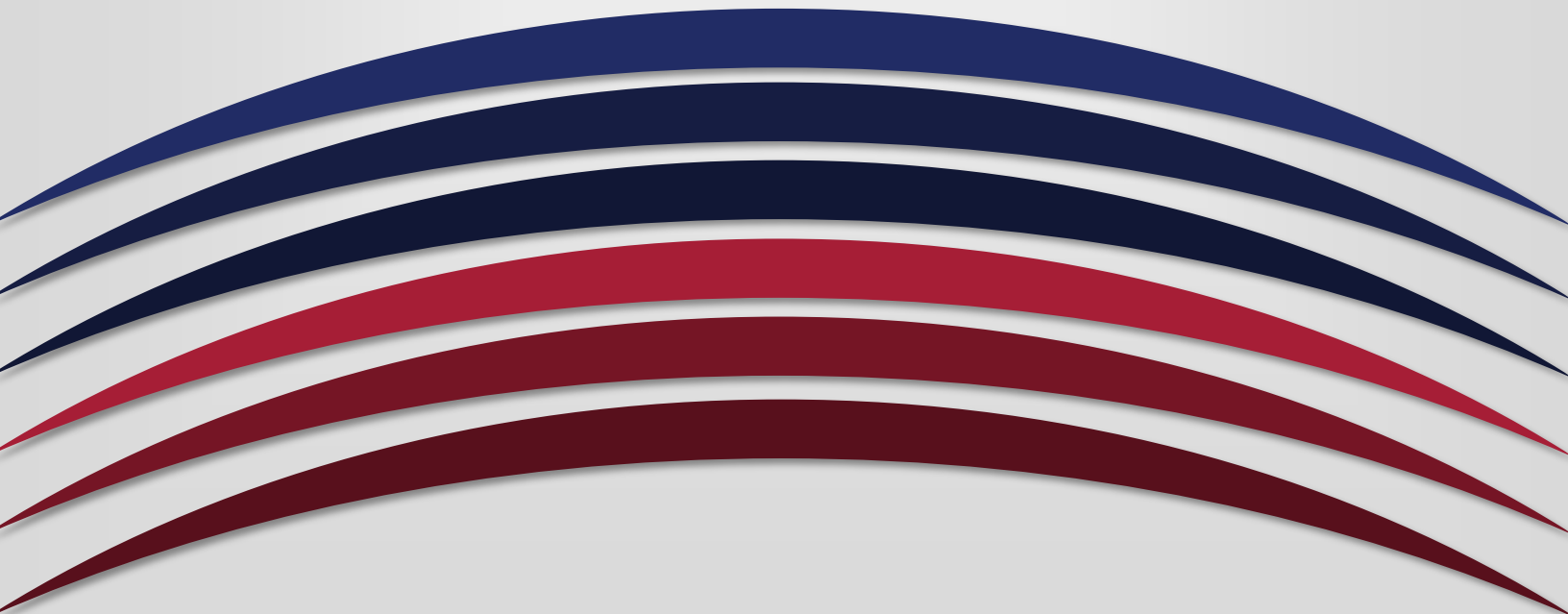# UNIVERSITY OF ARKANSAS PULASKI TECH

Assessment Report:
2019-2020:
DEN 1303 Clinical Science I

1. Name of individual compiling report: *Weeda Jones*

2. Date of submission: *October 1, 2020*

3. Is the assessment plan (*Check or highlight one*)

☐ an initial plan for the program   ☐ **a revision of an old plan**   ☐ unaltered from previous year

Course-Level Learning Outcomes-

1. What are the Course-Level Outcomes (CLOs)?

DEN 1303 Clinical Science I has three classes within the course. They include Orientation to Dentistry, Medical and Dental Emergencies and Legal and Ethical. Below are the CLO's for each class.

Orientation to Dentistry CLO's

1. Discuss and identify early pioneers of dentistry and their contribution to the profession.
2. Identify the eight dental specialty practices.
3. Identify educational requirements, licensure, role, and legal and ethical requirements of each member of the dental health team.
4. Match the professional organization for each member of the dental health team.
5. Identify agencies responsible for accrediting dental assisting programs, certifying dental assistants, qualifications necessary to sit for the certification examination, and ways to remain currently certified.
6. Recognize potential expanded functions for dental assistants.

Emergencies CLO's

1. Identify from a list, medications and supplies that should be kept in the emergency kit, specific duties of each dental team member during an emergency, and the need for practice sessions on a regular basis.
2. Identify the need for updated health histories, base line records for vital signs, and close observation of all patients during dental treatments.
3. Demonstrate the ability to administer oxygen from a reserve tank supply and an AmBu bag.
4. Describe three ways that room air may be administered to patients.

5. Identify signs and symptoms of emergency conditions that may occur in the dental office, drugs to be used in specific emergencies, and the route of administration of the drug.
6. Match terms and definitions to identify specific emergencies.
7. Prepare a disposable syringe and deliver medication during an emergency situation.
8. Identify steps to be taken in treating a needle stick.

Legal and Ethical CLO's

1. Identify and use terms included in the glossary of the basic text.
2. Discriminate between ethics, jurisprudence, and risk management and how they affect the standards of behavior for the dental auxiliary.
3. Discriminate between the criteria for ethical or unethical decisions.
4. Differentiate between admission against interest and res gestae, also a deposition and testimony.
5. Identify the functions and provision of a State Dental Practice Act and how duties of dental auxiliaries are governed.

2. Which CLOs were addressed for this academic year? (2019-2020)

1. Identify the eight dental specialty practices.
2. Identify early pioneers in dentistry and their contribution to the profession.
3. Recognize potential expanded functions for dental assistants.

3. Which CLOs are being addressed in your assessment plan next academic year? (2020-2021)

1. Identify from a list, medications and supplies that should be kept in the emergency kit, specific duties of each dental team member during an emergency, and the need for practice sessions on a regular basis.
2. Identify the need for updated health histories, base line records for vital signs, and close observation of all patients during dental treatments.
3. Prepare a disposable syringe and deliver medication during an emergency situation.

UNIVERSITY OF ARKANSAS
PULASKI TECH

4. Explain the assessment cycle.

Didactic exams are performed with paper and pencil or via technology. Written reports are completed and then students give an oral presentation to their peers. As the assessment process progresses, additional data is planned to be added.

5. What are the assessment methods? Are they direct or indirect?

Assessment methods are direct and consist of written exams, a written report and an oral presentation.

6. What are the assessment goal(s)?

The assessment goal is for students to achieve a 70% for each of the course learning outcomes. This level will assure students have gained the knowledge to perform in a dental setting.

7. What were the findings for this academic year? (2019-2020)

CLO	Exam #1	Exam #2	Oral Presentation	Written Report
Identify the eight dental specialties practices.	94%			
Identify early pioneers in dentistry and their contribution to the profession.	94%		84%	91%
Recognize potential expanded functions for dental assistants.		91%		

*The percentages are an average of all student grades.

8. What is your analysis of the findings?

Students are grasping the concepts of dentistry and its history well. Their scores are well above the 70% assessment goal for the CLO's. While we did have one student who score below the 70% on both written exams, most students were well above the goals for this course. All students performed well on both the oral presentation and written report.

9. What is the action plan for the next academic year? (2020-2021) Explain.

During the next year, we will be looking at three new CLO's to determine if students are meeting the goals as well as they did this year. The new CLO's are more technical from the emergencies section of the class and may be more challenging for students. The new CLO's are:

1. Identify from a list, medications and supplies that should be kept in the emergency kit, specific duties of each dental team member during an emergency, and the need for practice sessions on a regular basis.
2. Identify the need for updated health histories, base line records for vital signs, and close observation of all patients during dental treatments.
3. Prepare a disposable syringe and deliver medication during an emergency situation.

The dental assisting program has an accrediting body, The American Dental Association Commission on Dental Accreditation (CODA). Standards are put forth and followed. Also the dental community, dental assisting students, graduates and advisory committee input is considered when deciding on assessment needs.