**Medical Assisting Advanced Practice**

**Assessment Plan Data Summary**

**2021-2022 & 2022-2023**

The Medical Assisting Advanced Practice program enrolled it’s first cohorts in August 2020 at the Technical Campus in Allen and the Wylie Campus.

In August 2021, the program developed an assessment plan and began tracking student performance data on the following expected outcomes.

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| 1. **Expected Outcome(s)**   Results expected in this unit  (e.g. Authorization requests will be completed more quickly; Increase client satisfaction with our services) | **B. Measure(s)**  Instrument(s)/process(es) used to measure results  (e.g. survey results, exam questions, etc.) | **C. Target(s)**  Level of success expected  (e.g. 80% approval rating, 10 day faster request turn-around time, etc.) |
| 1. Students will properly administer injections and other medications. | Students will demonstrate administration of intramuscular, intravenous, and subcutaneous injections as well as administration of oral, topical, eye, and ear medications in MDCA 1448-Pharmacology and Administration of Medications. | 80% of students score 80% or better on this assessment on their first attempt. |
| 2.Students should be able to collect and process blood, urine and other body fluids while adhering to infection control practices. | Skills Check-Off: Students will draw blood, collect urine samples, and obtain throat culture samples and prepare them for shipment to the lab adhering to infection control practices and appropriate documentation practices in MDCA 1452–Medical Assistant Laboratory Procedures. | 80% of students score 80% or better on this assessment on their first attempt. |
| 3.Students should be able to perform an electrocardiogram (ECG) on a patient. | Skills Check-Off: Students will be required to set up ECG equipment, prepare a patient for an ECG, record and print the ECG, and submit the ECG to their instructor for final approval and a grade in MDCA 1417-Procedures in a Clinical Setting. | 80% of students score 80% or better on this assessment on their first attempt. |
| 4. Students will be able to assist physicians in various examinations of patients. | Skills Check-Off: Students will perform correct patient positioning on exam tables for one procedure in each of four medical specialties including Family Practice, OB/GYN, Cardiology and Urgent Care in which students will also be responsible for preparing supplies and equipment for the physical exams to assist the instructor in simulated medical procedures in MDCA 1417-Procedures in a Clinical Setting. | 80% of students score 80% or better on this assessment on their first attempt. |

**Results:**

In the spring 2023 semester, the results from the past two academic years were reviewed. At this point, the program was being offered at four campuses with the addition of Farmersville and the Health Sciences Academy.

**Learning Outcome 1.** Students will properly administer injections and other medications.

It was determined that 90% of the students at all campuses were able to obtain an 80% or better on this skill check-off on their first attempt. Due to the success in this outcome, a new outcome will be assessed starting in the 2023-2024 academic year.

**Learning Outcome 2.** Students should be able to collect and process blood, urine and other body fluids while adhering to infection control practices.

It was determined that 86% of the students at all campuses were able to obtain an 80% or better on this skill check-off on their first attempt. Due to the success in this outcome, a new outcome will be assessed starting in the 2023-2024 academic year.

**Learning Outcome 3.** Students should be able to perform an electrocardiogram (ECG) on a patient.

It was determined that 95% of the students at all campuses were able to obtain and 80% or better on this skill check-off on their first attempt. Due to the success in this outcome, a new outcome will be assessed starting in the 2023-2024 academic year.

**Learning Outcome 4.** Students will be able to assist physicians in various examinations of patients.

It was determined that 95% of the students at all campuses were able to obtain an 80% or better on this skill check-off on their first attempt. Due to the success in this outcome, a new outcome will be assessed starting in the 2023-2024 academic year.

Since the program has determine that students are exceeding the goals for the above-mentioned learning outcomes, a new set of outcomes will be tracked starting in August 2023. These outcomes include:

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| **A. Expected Outcome(s)**  Results expected in this unit  (e.g. Authorization requests will be completed more quickly; Increase client satisfaction with our services) | **B. Measure(s)**  Instrument(s)/process(es) used to measure results  (e.g. survey results, exam questions, etc.)  Include Course Information and Semester in which assessment will occur | **C. Target(s)**  Level of success expected  (e.g. 80% approval rating, 10 day faster request turn-around time, etc.) |
| Increase the number of program completers that attempt the Registered Medical Assistant certification upon graduation from the program. | Students will take the Registered Medical Assistant certification.  exam administered by the American Medical Technologists. | 85% of students in each cohort will take the certification exam within 6 months of completing the program. |
| Students will calculate proper dosages of medications for administration to patients. | Students will take an exam with approximately 25 dosage calculation problems based on patient scenarios in MDCA 1448 Pharmacology & Administration of Medications. | 80% of students will score 80% or better on this assessment on their first attempt. |
| Students will describe and demonstrate the professionalism of an effective healthcare worker. | Students will make a video of themselves interacting with a patient, demonstrating empathy, active listening, and nonverbal communication. They also will demonstrate how they would show respect to various populations with special needs in MDCA 1210 Medical Assistant Interpersonal and Communication Skills. | 85% of students will score 80% or better on this assessment on their first attempt. |