**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

# **GENERAL COURSE INFORMATION**

Course Number: MDAS 1648

Course Title: Medication Administration

Credit Hours: 1

Prerequisite: MDAS 1680 Basic Pharmacology with a “C” or better

Division/Discipline: Workforce Training & Community Education/Medical Assistant

Course Description: Prepares students to prepare and administer medications via several routes including oral, parenteral (excluding intravenous), transdermal, and inhalation. Emphasis is placed on safe and accurate administration.

# **INSTRUCTOR INFORMATION**

# **COLLEGE POLICIES**

Students and faculty of Barton Community College constitute a special community engaged in the process of education. The College assumes that its students and faculty will demonstrate a code of personal honor that is based upon courtesy, integrity, common sense, and respect for others both within and outside the classroom.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. The student is responsible for learning the rules of, and avoiding instances of, intentional or unintentional plagiarism. Information about academic integrity is located in the Student Handbook.

The College reserves the right to suspend a student for conduct that is determined to be detrimental to the College educational endeavors as outlined in the College Catalog, Student Handbook, and College Policy & Procedure Manual. (Most up-to-date documents are available on the College webpage.)

Any student seeking an accommodation under the provisions of the Americans with Disability Act (ADA) is to notify Student Support Services via email at [disabilityservices@bartonccc.edu](mailto:disabilityservices@bartonccc.edu).

# **COURSE AS VIEWED IN THE TOTAL CURRICULUM**

This course is to be taken after satisfactory completion of MDAS 1680 - Basic Pharmacology. It will transition the student from theoretical knowledge of the medication to its safe administration practices.

# **ASSESSMENT OF STUDENT LEARNING**

Barton Community College is committed to the assessment of student learning and to quality education. Assessment activities provide a means to develop an understanding of how students learn, what they know, and what they can do with their knowledge. Results from these various activities guide Barton, as a learning college, in finding ways to improve student learning.

Course Outcomes, Competencies, and Supplemental Competencies:

1. Administer parenteral medications (excluding intravenous)
2. Properly identify the patient.
3. Select the correct equipment and supplies.
4. Follow safety precautions.
5. Perform all critical steps in the right order according to the performance checklist.
6. Explain the procedure to the patient.
7. Verbalize an explanation of the process to the instructor which displays critical thinking.
8. Administer injection with proper technique.
9. Administer oral medication.
10. Properly identify the patient.
11. Select the correct equipment and supplies.
12. Follow safety procedures.
13. Perform all critical steps in the right order according to the performance checklist.
14. Explain the procedure to the patient.
15. Verbalize an explanation of the process to the instructor which displays critical thinking.
16. Administer oral medication with proper technique.
17. Administer transdermal medication.
18. Properly identify the patient.
19. Select the correct equipment and supplies.
20. Follow safety procedures.
21. Perform all critical steps in the right order according to the performance checklist.
22. Explain the procedure to the patient.
23. Verbalize an explanation of the process to the instructor which displays critical thinking.
24. Administer transdermal medication with proper technique.
25. Administer inhaled medication.
26. Properly identify the patient.
27. Select the correct equipment and supplies.
28. Follow safety procedures.
29. Perform all critical steps in the right order according to the performance checklist.
30. Explain the procedure to the patient.
31. Verbalize an explanation of the process to the instructor which displays critical thinking.
32. Administer inhaled medications with proper technique.
33. Document information related to the administration of medications.
34. Use medical abbreviations, signs and symbols in charting.
35. Follow principles of documentation.
36. Document medication administration including patient education
37. Complete an incident report related to pharmacology.
38. Prepare proper dosages of medication for administration.
39. Calculate the dosage.
40. Use the appropriate units.
41. Make conversions.
42. Apply aseptic technique.
43. **INSTRUCTOR'S EXPECTATIONS OF STUDENTS IN CLASS**

# **TEXTBOOKS AND OTHER REQUIRED MATERIALS**

# **REFERENCES**

# **METHODS OF INSTRUCTION AND EVALUATION**

# **ATTENDANCE REQUIREMENTS**

1. **COURSE OUTLINE**