# PHARMACOLOGY Course Syllabus

<table>
<thead>
<tr>
<th>Course Number:</th>
<th>OHLAP Credit:</th>
<th>OCAS Code:</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>None</td>
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<tr>
<td>Credit:</td>
<td></td>
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<tr>
<td>Course Length:</td>
<td>45 Hours</td>
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<tr>
<td>Career Cluster:</td>
<td>Health Science</td>
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<tr>
<td>Career Pathway:</td>
<td>Therapeutic Service</td>
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<tr>
<td>Career Major(s):</td>
<td>Practical Nurse</td>
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**Pre-requisite(s):**
Block 1 (Core Medical Terminology, Long Term Care Nurse Assistant, Home Health Care Aide Deeming, Anatomy)
From Block 2: Concepts of Nursing and Fundamentals of Nursing (may be offered concurrently)

**Course Description:**
This course provides instruction in basic pharmacology that is needed for safe and effective medication administration. Skills include medication administration. Content includes components of medication preparation and administration including the essential knowledge needed to adequately contribute to the assessment and evaluation of the effect of medication on clients throughout the lifespan.

**Textbooks:**
- Mosby’s Diagnostic and Lab Test Reference, 12th Edition, Elsevier
- Success in Practical Nursing, 7th Edition, Elsevier
Course Objectives:

A. Calculate medication dosages accurately.¹
B. Gather information about general classifications of medications.¹
C. Discuss legal and ethical issues related to medication administration.¹
D. Develop competencies in the safe and efficient administration of medications.¹
E. Demonstrate appropriate documentation of medication.¹
F. Apply the nursing process to patients requiring medications.¹
G. Reinforce teaching about prescribed medication.¹

¹ ODCTE Objective

Certification for Advanced Unlicensed Assistants - Some individuals may be eligible to establish that they have had equivalent training, based on completion of formal classroom, laboratory, and clinical training. Such training may have been obtained in a nursing education program, in the military, in a similar program in another state, or through inservice training. An application packet for equivalency evaluation is available from the Oklahoma Board of Nursing.

Teaching Methods:

This course will be taught in the classroom, lab and various other settings. A variety of instructional tools will be utilized, including lecture, independent study/practice, guided study/practice, audio/visual, and computer and web based applications.

Grading Procedures:

Students are graded based on performance of activities, such as labs, worksheets, study guides, quizzes and exams. Each course must be passed with eighty (80) percent which correlates to the district grading scale of a “B”. Courses may have higher requirements for certain items within the course. The district grading scale is as follows:

A = 90-100%
B = 80 -89%
C = 70-79%
D = 60-69%
F = below 59%
Description of Classroom, Laboratories, and Equipment:

Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit

The student may be eligible to take state, national or industry exam after completion of the program.

College Credit Eligibility:

All Tulsa Tech students (high school and adult) may have the opportunity to receive college credit upon completion of their program. Our College Relations office will work with students regarding the benefits of Prior Learning Assessments (PLA) toward an Associate of Applied Science (AAS) degree or a technical college certificate at area colleges. For more details call the College Relations office at 918.828.5000.