## Course Syllabus

<table>
<thead>
<tr>
<th>Course Number:</th>
<th>NEW</th>
<th>OHLAP</th>
<th>No</th>
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</thead>
<tbody>
<tr>
<td>OCAS Code:</td>
<td>None</td>
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<tr>
<td>Course Length:</td>
<td>85 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 Courses (Long Term Care Nurse Assistant, Anatomy, and Medical Terminology)

Block 2 Courses (Concepts of Nursing, Fundamentals of Nursing, Pharmacology, Clinical I Basic Nursing)

Block 3 Courses: (Medical Surgical Nursing I, Clinical 2A – Medical Surg. Nursing I, Clinical 2B - Medical Surg. Nursing I, Maternal Newborn Theory, Maternal Newborn Clinical, IV Therapy)

From Block 4: Clinical 3A - Medical Surgical Nursing II (may be offered concurrently)

### Course Description:

Building on concepts from previous courses, this course focuses on health management, maintenance and prevention of illness; care for the individual as a whole; and deviations from the normal state of health. Administering patient care includes use of the nursing process while performing focused assessments, using sound judgment, and providing patient education. The systems included are immunology, sensory, neurology, digestive, endocrine, urinary, and reproductive, as well as oncology nursing. The concepts of patient care, treatments, pharmacology, and diet therapy are included within each system. Content is presented from a patient-centered approach based on Maslow’s Hierarchy of Needs. Patient care involves consideration of physiological, cognitive, psychosocial, and spiritual needs within a cultural framework. Consideration is also given to the impact of health issues: the potential physical and mental adjustments required, as well as any necessary diversional or rehabilitative activities.

### Textbooks:

Mosby’s Diagnostic and Lab Test Reference, 12th Edition, Elsevier
Success in Practical Nursing, 7th Edition, Elsevier
Pharmacology & Intravenous Therapy Skills Curriculum, CIMC
SimChart, (6-Month Access) Elsevier

Course Objectives:

A. Apply the concepts of anatomy and physiology to recognize deviations from normal. ¹
B. Identify risk factors that contribute to the disease process. ¹
C. Demonstrate knowledge of the diseases affecting the body systems. ¹
D. Compare and contrast signs and symptoms of patient health alterations with baseline data.¹
E. Document signs and symptoms of patient health alterations.¹
F. Provide data to contribute to nursing interventions and patient outcomes on the nursing care plan. ¹
G. Relate appropriate diagnostics and pharmacologic therapies to specific disease processes. ¹
H. Demonstrate familiarity with and ability to monitor diagnostic test procedures. ¹
I. Integrate the biological, psychological and socio-cultural aspects of the individual into nursing care. ¹
J. Participate in discussions regarding patient/family teaching that promote, maintain and restore health. ¹
K. Outline preparation needed to prepare patient mentally and physically for diagnostics, treatment, and potential complications. ¹
L. Explain nursing interventions that promote optimum patient health. ¹
M. Identify interventions to prevent patient from complications
associated with patient’s health problem. ¹

N. Explain nursing interventions in needed in urgent situations, based on signs or symptoms of medical emergency. ¹

O. Consider patient’s physiological, cognitive, psychosocial, and spiritual condition when providing care, particularly related to particular disease processes. ¹

P. Describe potential patient’s alteration of body systems or responses tests and treatments. ¹

Q. Contribute to patient referral process or changes to patient referrals within scope of practice. ¹

R. Differentiate interventions necessary to manage patient’s potential complications. ¹

S. Compare and contrast patient teaching throughout health care event. ¹

¹ ODCTE Objective
All unmarked objectives are TTC instructor developed.

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. Tulsa Tech students may be able to earn college credit based on their knowledge gained at Tech. The process of earning credit through Prior Learning Assessment (PLA) will be determined after completion with Tech and based on certification, credential or knowledge of the subject. See program counselor for additional information.

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.