# MEDICAL SURGICAL NURSING I
## Course Syllabus

<table>
<thead>
<tr>
<th>Course Number:</th>
<th>LPN-0101</th>
<th>OHLAP Credit:</th>
<th>No</th>
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<tbody>
<tr>
<td>OCAS Code:</td>
<td>None</td>
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<tr>
<td>Course Length:</td>
<td>75 Hours</td>
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<tr>
<td>Career Cluster:</td>
<td>Health Science</td>
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<td>Career Pathway:</td>
<td>Therapeutic Service</td>
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<td>Career Major(s):</td>
<td>Licensed Practical Nurse</td>
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**Pre-requisite(s):**
- Nursing Concepts
- Anatomy and Physiology
- Nursing Fundamentals
- Pharmacology

**Course Description:** Building on concepts from previous courses, this course focuses on health management, maintenance and prevention of illness; care of the individual as a whole and deviations from the normal state of health. The administration of patient care includes using the nursing process, performing focused assessments, using critical thinking, and assisting with patient education. The systems included are integumentary, musculoskeletal, respiratory, cardiac, vascular and hematology. 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 includes consideration of physiological, cognitive, psychosocial, and spiritual needs. Consideration is also given to the impact of health issues; the potential physical and mental adjustments as well as diversional and rehabilitative activities.

**Textbooks:**
- Mosby’s Dictionary of Medicine, Nursing & Health Professions, 9th Ed. Elsevier
- Foundations & Adult Health Nursing, 6th Ed., Elsevier
- Mosby’s Diagnostic and Lab Test Reference, 11th Ed., Pagana, Elsevier
- LPN Notes Pocket Guide, 3rd Ed., FA Davis
- Saunders Comprehensive Review for the NCLEX-PN Exam, 5th Ed., Elsevier
- Pharmacology & Intravenous Therapy Skills CIMC, CIMC
- Nursing Concepts CIMC, CIMC
- Nursing Extensions CIMC, CIMC
Course Objectives:

1. Apply the concepts of anatomy and physiology to recognize deviations from normal.
2. Identify risk factors that contribute to the disease process.
3. Demonstrate knowledge of the diseases affecting the body systems.
4. Contrast signs and symptoms of patient health alterations with baseline data.
6. Analyze data to contribute to nursing interventions and patient outcomes on the nursing care plan.
7. Relate appropriate diagnostics and pharmacologic therapies to specific disease processes.
8. Demonstrate familiarity with and ability to monitor diagnostic test procedures.
9. Integrate the biological, psychological and socio-cultural aspects of the individual into nursing care.
10. Participate in patient/family teaching to promote, maintain and restore health.
11. Identify strategies to prepare a patient mentally and physically for diagnostics, treatment, and potential complications.
12. Describe nursing interventions that promote optimum patient health.
13. Identify interventions to prevent patient from complications associated with patient's health.

1 ODCTE Objective
All unmarked objectives are TTC instructor developed.

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 in-service training. An application packet for equivalency evaluation is available from the Oklahoma Board of Nursing.

Teaching Methods: The class will primarily be taught using activity packets, discussion, lecture and demonstrations. This will be supported by multi-media materials to address various learning styles. Supervised lab time is provided for students.

Grading Procedures:

1. Students are graded on theory and lab practice and performance.
2. Each course must be passed with eighty (80%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.
4. Career Major grades established during coursework are a major criteria in successfully obtaining certification.

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 may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.
College Credit Eligibility:
The student must maintain a grade point average of 3.0 or better.