**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

# I. GENERAL COURSE INFORMATION

Course Number: NURS 1261

Course Title: MEDICAL-SURGICAL NURSING IV

Credit Hours: 5 cr hr (Theory – 3 cr hr = 37.5 contact hours & Clinical 2 cr hr = 90

Contact hours)

Prerequisites: LPN license, NURS 1257, NURS 1259, NURS 1264

Division/Discipline: Workforce Training and Community Education/ Nursing

Course Description: This course builds upon the concepts, processes and outcomes developed in Medical-Surgical Nursing III. The nursing process is the foundation for the delivery of client care addressing physiological, psychosocial, spiritual and cultural needs. Classroom and clinical experiences focus on the adult client with complex health alterations in endocrine, gastrointestinal, hepatobiliary, vascular, neuro-sensory, and hematology/immune systems. The course also covers burn care and traumatic life threatening situations. The core concepts of Caring, Communication, Critical Thinking, Professionalism, and Competence are integrated throughout the course.

**II. INSTRUCTOR INFORMATION**

**III. 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 avoid 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's 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 Disabilities Act (ADA) is to notify Student Support Services via email at [disabilityservices@bartonccc.edu](mailto:disabilityservices@bartonccc.edu).

**IV. COURSE AS VIEWED IN THE TOTAL CURRICULUM**

Medical-Surgical Nursing IV is designed to partially fulfill the curriculum approved by the Kansas State Board of Nursing for the Associate Degree in Nursing completion. Credits are transferable for additional nursing education according to individual college and university guidelines.

**V. 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.

**ADN Alignment Program Outcomes/Barton Student Learning Outcomes (SLO)**

1. Integrate caring behaviors in practicing the art and science of nursing within a diverse population.
2. Implement professional standards and scope of practice within legal, ethical, and regulatory frameworks.
3. Collaborate with clients and members of the interprofessional health care team to optimize client outcomes.
4. Formulate safe and effective clinical judgments guided by nursing process, clinical reasoning, and Evidence-Based Practice.
5. Manage care and provide leadership to meet client needs using available resources and current technology.
6. Generate teaching and learning processes to promote and maintain health and to reduce risks for a global population.
7. Demonstrate effective communication methods to manage client needs and to interact with other health care team members.

Course Outcomes and Competencies

1. Evaluate the standards of nursing care for a client with alterations in the endocrine system.

(SLO 1-7)

1. Identify the locations and functions of endocrine glands and associated hormones.
2. Discuss regulation of hormonal secretion.
3. Examine the subjective and objective assessment data related to the endocrine system.
4. Analyze pathophysiology, etiology, and clinical manifestations for selected endocrine disorders.
5. Examine procedures used to screen and diagnose for selected endocrine disorders.
6. Integrate theory and practice in the collaborative care and nursing management of the client with selected endocrine disorders.
7. Examine the role of nutrition and exercise in the management of diabetes.
8. Examine pharmacological therapy utilized in selected endocrine disorders.
9. Analyze teaching/ learning topics to promote self-care for the client with selected endocrine disorders.
10. Evaluate the standards of nursing care for a client with alterations in the gastrointestinal system. (SLO 1-7)
11. Review gastrointestinal anatomy and components of assessment.
12. Analyze pathophysiology, etiology, and clinical manifestations for selected gastrointestinal disorders.
13. Examine procedures used to screen and diagnose for selected gastrointestinal disorders.
14. Integrate theory and practice in the collaborative care and nursing management of the client with selected gastrointestinal disorders.
15. Examine nutritional interventions to promote/maintain gastrointestinal health.
16. Examine pharmacological therapy utilized in selected gastrointestinal disorders.
17. Analyze teaching/ learning topics to promote self-care for the client with selected gastrointestinal disorders.
18. Evaluate the standards of nursing care for a client with alterations in the hepatobiliary system. (SLO 1-7)
19. Review hepatobiliary anatomy and components of assessment.
20. Analyze pathophysiology, etiology, and clinical manifestations for selected hepatobiliary disorders.
21. Examine procedures used to screen and diagnose for selected hepatobiliary disorders.
22. Integrate theory and practice in the collaborative care and nursing management of the client with selected hepatobiliary disorders.
23. Examine nutritional interventions to promote/maintain hepatobiliary health.
24. Examine pharmacological therapy utilized in selected hepatobiliary disorders.
25. Analyze teaching/ learning topics to promote self-care for the client with selected hepatobiliary disorders.
26. Evaluate the standards of nursing care for a client with alterations in the vascular system. (SLO 1-7)
27. Review vascular anatomy and components of assessment.
28. Analyze pathophysiology, etiology, and clinical manifestations for selected vascular disorders.
29. Examine procedures used to screen and diagnose for selected vascular disorders.
30. Integrate theory and practice in the collaborative care and nursing management of the client with selected vascular disorders.
31. Examine nutritional interventions to promote/maintain vascular health.
32. Examine pharmacological therapy utilized in selected vascular disorders.
33. Analyze teaching/ learning topics to promote self-care for the client with selected vascular disorders.
34. Evaluate the standards of nursing care for a client with alterations in the hematologic system. (SLO 1-7)
35. Review structures and functions of the hematologic system.
36. Describe the components of assessment of the hematologic system.
37. Analyze pathophysiology, etiology, and clinical manifestations for selected hematologic disorders.
38. Examine procedures used to screen and diagnose for selected hematologic disorders.
39. Integrate theory and practice in the collaborative care and nursing management of the client with selected hematologic disorders.
40. Examine nutritional interventions to promote/maintain hematologic health.
41. Examine pharmacological therapy utilized in selected hematologic disorders.
42. Analyze teaching/ learning topics to promote self-care for the client with selected hematologic disorders.
43. Evaluate the standards of nursing care for a client with alterations in the neurosensory system. (SLO 1-7)
44. Review neurosensory anatomy and components of assessment.
45. Analyze pathophysiology, etiology, and clinical manifestations for selected neurosensory disorders.
46. Examine procedures used to screen and diagnose for selected neurosensory disorders.
47. Integrate theory and practice in the collaborative care and nursing management of the client with selected neurosensory disorders.
48. Examine nutritional interventions to promote/maintain neurosensory health.
49. Examine pharmacological therapy utilized in selected neurosensory disorders.
50. Analyze teaching/ learning topics to promote self-care for the client with selected neurosensory disorders.
51. Evaluate the standards of nursing care for a client with life threatening burns. (SLO 1-7)
52. Review the structures and functions of the integumentary system.
53. Analyze pathophysiology, and clinical manifestations for the three phases of burn management. Determine severity of burns using common classification systems.
54. Integrate theory and practice in the collaborative care and nursing management of the client during the three phases of burn management.
55. Examine the nutritional needs of the burn client.
56. Examine pharmacological therapy utilized in burn management.
57. Examine wound care techniques and surgical options for burn wounds.
58. Analyze teaching/ learning topics to promote self-care for the client with burns.
59. Evaluate the standards of nursing care for a client with life threatening trauma. (SLO 1-7)
60. Examine the steps in triage, the primary and secondary survey for a client experiencing a life threatening emergency.
61. Analyze the pathophysiology and clinical manifestations for selected life threatening emergency situations.
62. Integrate theory and practice in the collaborative care and nursing management of the client with selected life threatening emergencies
63. Examine pharmacological therapy utilized in selected life threatening emergencies.
64. Analyze teaching/ learning topics to promote self-care for the client with selected life threatening emergencies.
65. Exhibit understanding of the Barton Nursing Program philosophy and incorporate behaviors consistent with the professional nurse at the novice level. (SLO 1-7)
66. Demonstrate caring behaviors and attitudes with respect to a diverse community including clients and family, peers, faculty, and the healthcare team.
67. Demonstrate therapeutic and professional communication in all interactions.
68. Demonstrate critical thinking through the use of the nursing process to make safe and effective clinical judgments incorporating evidence-based practice.
69. Demonstrate personal accountability and adherence to professional, ethical, and legal standards of the professional nurse.
70. Demonstrate competence through the application of knowledge and skills.

**VI. INSTRUCTOR’S EXPECTATIONS OF STUDENTS IN CLASS**

**VII. TEXTBOOKS AND OTHER REQUIRED MATERIALS**

**VIII. REFERENCES**

**IX. METHODS OF INSTRUCTION AND EVALUATION**

**X. ATTENDANCE REQUIREMENTS**

**XI. COURSE OUTLINE**