

Course Outline

COURSE: AH 52 DIVISION: 50 ALSO LISTED AS: AH 62

TERM EFFECTIVE: Fall 2018 CURRICULUM APPROVAL DATE: 02/26/2018

SHORT TITLE: LVN - Semester 2

LONG TITLE: LVN - Semester 2 - Medical-Surgical Nursing II

Units	Number of Weeks		Contact Hours/Week		Total Contact Hours
11	18	Lecture:	6	Lecture:	108
		Lab:	15	Lab:	270
		Other:	0	Other:	0
		Total:	21	Total:	378

COURSE DESCRIPTION:

Course is designed to provide both theoretical and clinical experience in the care of adult, medical-surgical clients. This course will further refine basic nursing skills and procedures. It will introduce more complicated nursing situations. Content includes pre-operative and post-operative care of the client with pain, cancer, and care of the client with disorders of musculoskeletal, integument, gastrointestinal, liver and respiratory systems. Related pharmacology is included. \$100 course material fee, payable at registration.

PREREQUISITE: Completion of AH 51.

PREREQUISITES:

(Completion of AH 51, as UG, with a grade of C or better.

OR

Completion of AH 61, as UG, with a grade of C or better.)

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES

L - Standard Letter Grade

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:

02 - Lecture and/or discussion

03 - Lecture/Laboratory

STUDENT LEARNING OUTCOMES:

1. Students will use learned theoretical concepts to critically think in patient care situations and will recognize and respond safely, effectively and appropriately to patient care needs and problems.

Measure of assessment: Skills testing. Clinical evaluations of performance in hospital clinicals. Theory exams. Clinical calculation exams.

Year assessed, or planned year of assessment: 2019

Semester: Spring

2. Students will communicate effectively with people of all ages, cultures and ethnicities. Students will demonstrate awareness of the students' own values and opinions, as well as awareness and respect of the opinions and values of others. Communication includes listening, speaking, reading, and writing analytically and respectfully.

Measure of assessment: Clinical evaluations. Skills testing. Participation in classroom discussions regarding ethical dilemmas.

Year assessed, or planned year of assessment: 2019

Semester: Spring

This SLO addresses cultural diversity: true

3. Students will consistently demonstrate honest and ethical behavior in the classroom and in their clinical practice. Students will practice within the scope of practice expected of a Licensed Vocational Nurse (LVN).

Measure of assessment: Adherence to the guidelines stated in the Gavilan College Nursing Student Handbook. Clinical evaluations. Skills testing. Turnitin.com.

Year assessed, or planned year of assessment: 2019

Semester: Spring

4. Students will develop lifestyle choices that promote self-reliance towards physical, mental and social health. Students will develop skills to enhance job readiness and career goal identification which will promote lifelong learning and personal well-being.

Measure of assessment: Classroom discussions. Clinical evaluations. Skills testing. Clinical worksheets.

Year assessed, or planned year of assessment: 2019

Semester: Spring

CULTURAL DIVERSITY:

Students will communicate effectively with people of all ages, cultures and ethnicities. Students will demonstrate awareness of the students' own values and opinions, as well as awareness and respect of the opinions and values of others. Communication includes listening, speaking, reading, and writing analytically and respectfully.

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Curriculum Approval Date: 02/26/2018

LECTURE CONTENT:

Week 1

The student is able to verbalize the requirements for the course, including:

- Attendance requirements
- Clinical requirements
- ATI NCLEX prep testing & remediation
- Math requirements
- Grading
- Homework
- Nursing Student Handbook & Policies

- The student is able to access and navigate the Canvas Learning Management System and open each week's lesson plans.
- Define perioperative nursing care.
- Discuss common surgical risk factors and related nursing implications.
- Describe the preoperative assessment data to collect for a surgical patient.
- Explain the elements of a typical preoperative teaching plan
- Explain the components of an effective perioperative communication hand-off.
- Discuss the benefits of preoperative warming.
- Explain the risks of anesthesia for the geriatric patient
- Explain the licensed vocational nurse's role in the operating room.
- Describe factors to assess in a patient during postoperative recovery.
- Describe the rationale for nursing interventions designed to prevent postoperative complications.
- List 10 diagnosis which put patients at increased risk for postoperative complications.
- Lists the most common signs and symptoms of surgical complications that could occur immediately post-anesthesia.
- Able to verbalize the reason for each item included on the surgical checklist.
- Lists the reason and requirements of an informed consent.
- Able to list medications used for general and local anesthesia and the side effects and nursing implications for the use of each.
- Lists the steps in a surgical scrub.
- Able to verbalize the order in which sterile attire is donned.
- Verbalizes the differences between anesthesia and conscious sedation and the nursing implications for each.

Week 2

Skills practice & testing in the skills lab

Care of the Perioperative Patient

- Preoperative Care
- Intraoperative Care
- Postoperative Care
- Preoperative Teaching
- Post-Anesthesia Care
- Postoperative Teaching
- Surgical Prep & Checklists
- Informed Consent
- Donning Sterile Attire
- General & Local Anesthetics
- Skeletal Muscle Relaxants used in Surgery
- Stages of Anesthesia
- Conscious Sedation
- Define perioperative nursing care.
- Discuss common surgical risk factors and related nursing implications.
- Describe the preoperative assessment data to collect for a surgical patient.
- Explain the elements of a typical preoperative teaching plan
- Explain the components of an effective perioperative communication hand-off.
- Discuss the benefits of preoperative warming.

- Explain the licensed vocational nurse's role in the operating room.
- Describe factors to assess in a patient during postoperative recovery.

Week 3

- Pain assessment
 - Care of the patient in pain
 - Opioid Analgesics
 - Non-Opioid Analgesics
 - Central nervous system review
 - Application of heat & cold
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- Discuss common misconceptions about pain.
 - Explain how cultural factors influence the pain experience.
 - Describe guidelines for selecting and individualizing pain therapies.
 - Explain various pharmacologic approaches to treating pain.
 - Describe applications for use of nonpharmacologic pain interventions.
 - Identify barriers to effective pain management.
 - Describe the pain assessment used for patients receiving opiate agonists.
 - Differentiate among the properties of opiate agonists, opiate partial agonists, and opiate antagonists.
 - Cite the common adverse effects of opiate agonists.
 - Identify opiate antagonists and expected therapeutic outcomes to monitor.
 - List the common side effects and adverse reactions with the use of steroids and NSAIDs.
 - Describe the three pharmacologic effects of salicylates.
 - List the common and serious adverse effects and drug interactions associated with salicylates and NSAIDs.
 - Discuss nursing implications for administering analgesics.
 - Describe 2 clinical situations where you would use heat as a form of therapy.
 - Describe 2 clinical situations where you would use cold as a form of therapy.

Week 4

- Care of the patient with cancer
 - Care of the patient receiving radiation / chemotherapy
 - Care of the patient undergoing surgery for cancer
 - Pharmacology Exam 1
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- Describe responses of patients and their families to the diagnosis of cancer.
 - Identify data required in assessing the whether cancer is curable whether the patient will need palliative care.
 - List the most common sites of cancer in men and women.
 - Explain the differences between benign and malignant tumors.
 - Define terms used to name and classify cancer.
 - Describe measures to reduce the risk of cancer.
 - List nursing responsibilities in the care of patients having diagnostic tests to detect possible cancer.

- Explain the nursing care of patients undergoing each type of cancer therapy: surgery, radiation, chemotherapy, and biotherapy.

Week 5

Cancer Therapies

- Antineoplastics, targeted therapies
- Radiation

Care of Patients with orthopedic problems

Theory Exam 1

Week 6

- Musculoskeletal Assessment
 - Care of the Patient with
 - Musculoskeletal Problems
 - Care of the Patient with
 - Musculoskeletal Trauma
 - Review Isolation Categories
 - Review Isolation Techniques
 - Reverse Isolation
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- Describe the pathologic basis for osteoarthritis (degenerative joint disease), rheumatoid arthritis, osteoporosis, gout, progressive systemic sclerosis, polymyositis, bursitis, carpal tunnel syndrome, ankylosing spondylitis, polymyalgia rheumatic.
 - Assist in developing a nursing care plan for a patient whose life has been affected by a musculoskeletal disorder
 - Identify the types of fractures.
 - Discuss the major complications of fractures, their signs and symptoms, and their management.
 - Compare the types of medical treatment for fractures, particularly reduction and fixation.
 - Describe common therapeutic measures for fractures, including casts, traction, crutches, walkers, and canes.
 - Identify the clinical indications for amputations.
 - Describe the different types of amputations.
 - Discuss the medical and surgical management of the amputation patient
 - Describe common problems associated with immobility.
 - Discuss the impact of exercise and positioning on preventing complications related to immobility.

Week 7

NSAIDS

Antigout Agents

Antirheumatoid Agents

- Assessment of the Integumentary System
- Care of patients with skin problems & pressure ulcers
- Vascular disease
- Skin problems caused by peripheral venous insufficiency
- Wound care & dressing changes

- Explain the nurse's responsibilities regarding the tests and procedures for diagnosing skin disorders.
- Explain the therapeutic benefits and nursing considerations for patients who receive dressings, soaks and wet wraps, phototherapy, and drug therapy for skin problems.
- Describe the pathophysiology, signs and symptoms, diagnostic tests, and medical treatment for selected skin disorders.
- Assist in developing a nursing care plan for the patient with a skin disorder.
- Explain the steps in wound assessment .
- List the steps in completing a wet to dry dressing.

Week 8

- Wound assessment, care & dressings (continued)
- Pharmacology for dermatological conditions

Theory Midterm Exam

- Continue wound assessment, care & dressings
- Explain the steps in wound assessment .
- Explain the steps in measuring a wound.
- Compare and contrast the different types of dressings and the appropriate uses for each:
- Hydrocolloid
- Hydrogel
- Alginate
- Collagen
- Foam
- Compression
- Wound vacuum
- Transparent film
- Wet to Dry

Week 9

- Wound assessment, care & dressings (continued)
- Pressure ulcers
- Therapeutic Beds
- Begin Respiratory Assessment & Care
- Sterile Technique
- Continue Respiratory Assessment & Care
- Calculation of IV Solutions
- Percents / Kilocalories
- Labeling IV Solution Bags
- Enteral Feeding Calculations
- Explain the steps in wound assessment
- Explain the steps in measuring a wound.
- Compare and contrast the different types of dressings and the appropriate uses for each:
- Hydrocolloid
- Hydrogel

- Alginate
 - Collagen
 - Foam
 - Compression
 - Wound vacuum
 - Transparent film
 - Wet to Dry
- List the steps in staging a pressure ulcer.
 - List 4 nursing interventions to help heal a
 - Identify data to be collected in the nursing assessment of the patient with a respiratory disorder.
 - Identify the nursing implications of age-related changes in the respiratory system.
 - Describe diagnostic tests or procedures for respiratory disorders and nursing interventions.
 - Explain nursing care of patients receiving therapeutic treatments for respiratory disorders.
 - For selected respiratory disorders, describe the pathophysiology, signs and symptoms, complications, diagnostic measures, and medical treatment.
 - Assist in developing a nursing care plan for the patient who has an acute respiratory disorder.
 - Identify examples of chronic inflammatory, obstructive, and restrictive pulmonary diseases.
 - For selected chronic respiratory disorders, describe the pathophysiology, signs and symptoms, complications, diagnostic measures, and medical treatment.
 - Assist in developing a nursing care plan for the patient who has a chronic respiratory disorder.
 - Explain the relationship between cigarette smoking and chronic respiratory disorders.
 - Identify data to be collected in the nursing assessment of the patient with a respiratory disorder.
 - Identify the nursing implications of age-related changes in the respiratory system.
 - Describe diagnostic tests or procedures for respiratory disorders and nursing interventions.
 - Explain nursing care of patients receiving therapeutic treatments for respiratory disorders.
 - For selected respiratory disorders, describe the pathophysiology, signs and symptoms, complications, diagnostic measures, and medical treatment.

Week 10

Additional practice with dosage calculations

- Medications
 - IV Solutions
 - Enteral Feedings
- Assessment of the gastrointestinal system
 - Diagnostic tests of the GI system
 - Diseases of the GI system and their treatment
 - Age related changes
 - Able to calculate medication in a variety of units (e.g. mg, milliliter, etc.) dosages with accuracy.
 - Accurately calculates IV flow rates in mL/hour and drops/minute.
 - Accurately calculates enteral feedings in mL/hour and drops per minute.
 - Accurately calculates enteral feedings that are ordered in percentages or kilocalories.
- Identify the nursing responsibilities in the care of patients undergoing diagnostic tests and procedures for gastrointestinal disorders..
 - Describe the nursing care of patients with lower gastrointestinal tract surgery, and drug therapy for digestive tract disorders.

- Describe the pathophysiology, signs and symptoms, complications, and treatment of selected digestive tract disorders.
- Assist in developing nursing care plans for patients receiving treatment for digestive tract disorders

Week 11

Continue with Gastrointestinal Disorders

- Care of the patient with disorders of the mouth, esophagus & stomach
- Diarrhea / Inflammatory Bowel Disease
- Acute Abdomen / Peritonitis
- Pharmacology Exam #2

- List the data to be included in the nursing assessment of the patient with esophageal and stomach disorders.
- Describe the pathophysiology, signs and symptoms, complications, and medical treatment of inflammatory bowel disease.
- List the signs and symptoms of an acute abdomen and/or peritonitis.
- Assist in developing nursing care plans for patients receiving treatment for upper digestive disorders.
- Describe the dietary changes that can assist a patient with an episode of diarrhea.
- Cite nine causes of diarrhea.
- Describe the six common causes of nausea and vomiting.

Discuss the three types of nausea associated with chemotherapy and the nursing considerations.

Week 12

- Continue with Gastrointestinal Disorders
- Constipation / Obstipation
- Paralytic Ileus / Obstruction
- Diverticular Disorders
- Cancer of the Colon / Rectum
- Theory Exam 2

- List the data to be included in the nursing assessment of the patient with esophageal and stomach disorders.
- Describe the pathophysiology, signs and symptoms, complications, and medical treatment of inflammatory bowel disease.
- List the signs and symptoms of an acute abdomen and/or peritonitis.
- Assist in developing nursing care plans for patients receiving treatment for upper digestive disorders.
- Describe the dietary changes that can assist a patient with an episode of diarrhea.
- Cite nine causes of diarrhea.
- Describe the six common causes of nausea and vomiting.

Discuss the three types of nausea associated with chemotherapy and the nursing considerations.

Week 13

Care of the patient with disorders of the liver / gallbladder / pancreas

- Hepatitis
 - Cholecystitis
 - Pancreatitis
 - GI Pharmacology
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- Identify nursing assessment data related to the functions of the liver, gallbladder, and pancreas.
 - Explain the pathology, signs and symptoms, diagnosis, complications, and medical treatment of selected disorders of the liver, gallbladder, and pancreas.
 - Describe the care of the patient who has an esophageal balloon tube in place.
 - Assist in developing a nursing care plan for the patient with liver, gallbladder, or pancreatic dysfunction.
 - Identify factors that prevent breakdown of the body's normal defense barriers, resulting in ulcer formation.
 - Describe the physiology of the stomach.
 - Cite common stomach disorders that require drug therapy.
 - Discuss the drug classifications and actions used to treat stomach disorders.
 - Identify interventions that incorporate pharmacologic and nonpharmacologic treatments for an individual with stomach disorders.
 - Explain the meaning of "normal" bowel habits and describe the underlying causes of constipation.
 - Identify the mechanism of action, for the different classes of laxatives and describe medical conditions in which laxatives should not be used.
 - Identify the therapeutic classes of antiemetics.
 - Discuss the scheduling of antiemetics for maximum benefit

Week 14

- Adrenergics & Blockers
 - Cholinergics & Blockers
 - Anti-Infectives
 - Anti-Tuberculars
 - Anti-Virals & Anti-Fungals
 - Treatment for HIV
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- Describe how the central nervous system differs from the peripheral nervous system.
 - Name the most common neurotransmitters known to affect central nervous system function and identify the two major neurotransmitters of the autonomic nervous system.
 - Explain how drugs inhibit the actions of cholinergic and adrenergic fibers.
 - Identify two broad classes of drugs used to stimulate the adrenergic nervous system.
 - Review the actions of adrenergic agents and the conditions that require the use of these drugs.
 - Describe the benefits of using beta-adrenergic blocking agents for hypertension, angina pectoris, cardiac dysrhythmias, and hyperthyroidism.
 - Identify disease conditions in which beta-adrenergic blocking agents should not be used, and discuss why they should not be used.
 - Describe clinical uses and the predictable adverse effects of cholinergic agents and anticholinergic agents.
 - Describe the signs and symptoms of the common adverse effects seen with antimicrobial therapy.
 - Describe the nursing assessments and interventions for the common adverse effects associated with antimicrobial agents: allergic reaction, nephrotoxicity, ototoxicity, hepatotoxicity.
 - Describe the life cycle of the human immunodeficiency virus (HIV) and relate it to the actions of pharmacologic drugs used in the treatment of HIV disease.

- Identify the common risk factors for HIV transmission.
- Describe the six classifications of antiretroviral therapy, and give examples of medications in each group.
- Explain specific issues of medication adherence to antiretroviral agents.
- Discuss the nurse's role in medication management and issues of adherence.
- Discuss medical management for preventing mother-to-child transmission of HIV infection during pregnancy.
- Discuss health care workers' exposure risks and relate the risk and type of exposure to recommendations.
- Apply the nursing process, including teaching, to the care of patients with HIV infection.
- Compare first-line and second-line antitubercular drugs and give examples of each.

Week 15

- Respiratory pharmacology Respiratory Assessment
- Care of the patient with acute respiratory disorders
- Care of the patient with chronic respiratory disorders
- Care of the patient with a tracheostomy
- Care of the patient with a chest tube
- Oxygen therapy & equipment
- Pulse oximetry / Acid-Base balance
- Diagnostic tests
- Comprehensive Pharmacology & Math Final Exam

Week 16

Theory Final Exam

Math Final Retake

LAB CONTENT:

Week 1

No lab

Week 2

Skills practice and testing of previously learned skills from AH51. The student is able to accurately perform and document the following:

- Head to toe assessment
- Medication administration
 - o Non-parental medications
 - o Parenteral medications
 - o Insulin administration
 - o Via gastric or NG tube
- Isolation / PPE
- Sterile gloving / sterile fields
- IV assessment & discontinuing an IV
- Urinary catheterization
- Enema administration
- Ostomy care
- NG tube insertion
- Small bore feeding tube insertion and removal

- Tube feedings: bolus, intermittent and continuous

Gastrocult and hemocult testing

Week 3

Hospital Orientation

Group B – St. Louise

Group A – Hazel Hawkins

- Locates all items on the scavenger hunt on the nursing unit.
- Able to identify PPE items needed and can locate the items for standard precautions, droplet precautions, & neutropenic precautions.
- Able to login and navigate on the electronic health record. (EHR).
- Appropriately documents simulated patient findings on a simulated patient record.

Attends change of shift report and correctly notes patient data and care needed on student worksheet

Week 4

Skills Lab on Campus

Week 5

- Obtain change of shift report and provide nursing care for 1-2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report
- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
- Provide patient education on diabetes and diabetic medications and document on EHR.
- Monitor and document condition of IV site.
- Monitor and patient's fluid balance via intake & output and weight and document on EHR.
- Provide patient education regarding medication and discharge needs and document on EHR.
- Insert urinary catheter using aseptic technique and document on EHR.
- Provide nursing care including perineal care to a patient with an indwelling urinary catheter and document on EHR.
- Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
- Irrigate an indwelling urinary catheter and document on the EHR.
- Remove an indwelling catheter and document on the EHR.
- Provide nursing care and documentation on the EHR for a patient with an ostomy.
- Measure, insert and check placement of a nasogastric tube and document on the EHR.
- Prepare a patient for surgery including completing pre-operative checklist and pre-op patient education.
- Provide post-operative assessment, nursing care and document on EHR.
- Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.

Week 6

- Obtain change of shift report and provide nursing care for 1-2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report

- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
- Provide patient education on diabetes and diabetic medications and document on EHR.
- Monitor and document condition of IV site.
- Monitor and patient's fluid balance via intake & output and weight and document on EHR.
- Provide patient education regarding medication and discharge needs and document on EHR.
- Insert urinary catheter using aseptic technique and document on EHR.
- Provide nursing care including perineal care to a patient with an indwelling urinary catheter and document on EHR.
- Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
- Irrigate an indwelling urinary catheter and document on the EHR.
- Remove an indwelling catheter and document on the EHR.
- Provide nursing care and documentation on the EHR for a patient with an ostomy.
- Measure, insert and check placement of a nasogastric tube and document on the EHR.
- Prepare a patient for surgery including completing pre-operative checklist and pre-op patient education.
- Provide post-operative assessment, nursing care and document on EHR.
- Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.
- Provide empathetic care to a patient with cancer.
- Instructor to observe interactions or interview client and/or family to assess.

Week 7

- Obtain change of shift report and provide nursing care for 1-2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report
- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
- Provide patient education on diabetes and diabetic medications and document on EHR.
- Monitor and document condition of IV site.
- Monitor and patient's fluid balance via intake & output and weight and document on EHR.
- Provide patient education regarding medication and discharge needs and document on EHR.
- Insert urinary catheter using aseptic technique and document on EHR.
- Provide nursing care including perineal care to a patient with an indwelling urinary catheter and document on EHR.
- Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
- Irrigate an indwelling urinary catheter and document on the EHR.
- Remove an indwelling catheter and document on the EHR.
- Provide nursing care and documentation on the EHR for a patient with an ostomy.
- Measure, insert and check placement of a nasogastric tube and document on the EHR.
- Prepare a patient for surgery including completing pre-operative checklist and pre-op patient education.
- Provide post-operative assessment, nursing care and document on EHR.
- Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.

- Provide empathetic care to a patient with cancer. Instructor to observe interactions or interview client and/or family to assess.
- Provide care to an orthopedic patient with limitations in mobility and document on EHR.
- Obtain change of shift report and provide nursing care for 1-2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report
- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
- Provide patient education on diabetes and diabetic medications and document on EHR.
- Monitor and document condition of IV site.
- Monitor and patient's fluid balance via intake & output and weight and document on EHR.
- Provide patient education regarding medication and discharge needs and document on EHR.
- Insert urinary catheter using aseptic technique and document on EHR.
- Provide nursing care including perineal care to a patient with an indwelling urinary catheter and document on EHR.
- Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
- Irrigate an indwelling urinary catheter and document on the EHR.
- Remove an indwelling catheter and document on the EHR.
- Provide nursing care and documentation on the EHR for a patient with an ostomy.
- Measure, insert and check placement of a nasogastric tube and document on the EHR.
- Prepare a patient for surgery including completing pre-operative checklist and pre-op patient education.
- Provide post-operative assessment, nursing care and document on EHR.
- Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.
- Provide empathetic care to a patient with cancer. Instructor to observe interactions or interview client and/or family to assess.
- Provide care to an orthopedic patient with limitations in mobility and document on EHR.

Week 8

- Obtain change of shift report and provide nursing care for 2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report
- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
- Provide patient education on diabetes and diabetic medications and document on EHR.
- Monitor and document condition of IV site.
- Monitor and patient's fluid balance via intake & output and weight and document on EHR.
- Provide patient education regarding medication and discharge needs and document on EHR.
- Insert urinary catheter using aseptic technique and document on EHR.
- Provide nursing care including perineal care to a patient with an indwelling urinary catheter and document on EHR.
- Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
- Irrigate an indwelling urinary catheter and document on the EHR.
- Remove an indwelling catheter and document on the EHR.
- Provide nursing care and documentation on the EHR for a patient with an ostomy.

- Measure, insert and check placement of a nasogastric tube and document on the EHR.
 - Prepare a patient for surgery including completing pre-operative checklist and pre-op patient education.
 - Provide post-operative assessment, nursing care and document on EHR.
 - Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.
 - Provide empathetic care to a patient with cancer. Instructor to observe interactions or interview client and/or family to assess.
 - Provide care to an orthopedic patient with limitations in mobility and document on EHR.
 - Perform a wound assessment and document on the EHR the size, depth, type and condition of tissue, drainage, tissue healing, and pain level.
- Perform and document on the EHR a dry sterile dressing change

Week 9

- Obtain change of shift report and provide nursing care for 2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report
- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
- Provide patient education on diabetes and diabetic medications and document on EHR.
- Monitor and document condition of IV site.
- Monitor and patient's fluid balance via intake & output and weight and document on EHR.
- Provide patient education regarding medication and discharge needs and document on EHR.
- Insert urinary catheter using aseptic technique and document on EHR.
- Provide nursing care including perineal care to a patient with an indwelling urinary catheter and document on EHR.
- Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
- Irrigate an indwelling urinary catheter and document on the EHR.
- Remove an indwelling catheter and document on the EHR.
- Provide nursing care and documentation on the EHR for a patient with an ostomy.
- Measure, insert and check placement of a nasogastric tube and document on the EHR.
- Prepare a patient for surgery including completing pre-operative checklist and pre-op patient education.
- Provide post-operative assessment, nursing care and document on EHR.
- Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.
- Provide empathetic care to a patient with cancer. Instructor to observe interactions or interview client and/or family to assess.
- Provide care to an orthopedic patient with limitations in mobility and document on EHR.
- Perform a wound assessment and document on EHR the size, depth, type and condition of tissue, drainage, tissue healing, and pain level.
- Perform and document on EHR prescribed dressing changes to surgical and chronic wounds.
- Complete a wet to dry dressing change using aseptic technique and document on the EHR.

Week 10

- Obtain change of shift report and provide nursing care for 2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report

- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
- Provide patient education on diabetes and diabetic medications and document on EHR.
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- Insert urinary catheter using aseptic technique and document on EHR.
- Provide nursing care including perineal care to a patient with an indwelling urinary catheter and document on EHR.
- Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
- Irrigate an indwelling urinary catheter and document on the EHR.
- Remove an indwelling catheter and document on the EHR.
- Provide nursing care and documentation on the EHR for a patient with an ostomy.
- Measure, insert and check placement of a nasogastric tube and document on the EHR.
- Prepare a patient for surgery including completing pre-operative checklist and pre-op patient education.
- Provide post-operative assessment, nursing care and document on EHR.
- Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.
- Provide empathetic care to a patient with cancer. Instructor to observe interactions or interview client and/or family to assess.

Provide care to an orthopedic patient with limitations in mobility and document on EHR.

- Perform a wound assessment and document on EHR the size, depth, type and condition of tissue, drainage, tissue healing, and pain level.
- Perform and document on EHR prescribed dressing changes to surgical and chronic wounds.
- Complete a wet to dry dressing change using aseptic technique and document on the EHR.
- Identify 5 signs and symptoms of hypoxia.
- Document the respiratory rate, depth, and rhythm on the EHR.
- Document the measurement of respiratory rate after administration of specific therapies on the EHR.
- Provide care and document on the EHR for a patient that requires oxygen.
- Report to the instructor and primary nurse and document on the EHR abnormal respiratory findings.
- Provide patient education regarding cessation of smoking and document on the EHR.
- Calculate with accuracy IV rate in mL/hour and drops/minute.

Week 11

- Obtain change of shift report and provide nursing care for 2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report
- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
- Provide patient education on diabetes and diabetic medications and document on EHR.
- Monitor and document condition of IV site.
- Monitor and patient's fluid balance via intake & output and weight and document on EHR.
- Provide patient education regarding medication and discharge needs and document on EHR.
- Insert urinary catheter using aseptic technique and document on EHR.

- Provide nursing care including perineal care to a patient with an indwelling urinary catheter and document on EHR.
- Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
- Irrigate an indwelling urinary catheter and document on the EHR.
- Remove an indwelling catheter and document on the EHR.
- Provide nursing care and documentation on the EHR for a patient with an ostomy.
- Measure, insert and check placement of a nasogastric tube and document on the EHR.
- Prepare a patient for surgery including completing pre-operative checklist and pre-op patient education.
- Provide post-operative assessment, nursing care and document on EHR.
- Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.
- Provide empathetic care to a patient with cancer. Instructor to observe interactions or interview client and/or family to assess.
- Provide care to an orthopedic patient with limitations in mobility and document on EHR.
- Perform a wound assessment and document on EHR the size, depth, type and condition of tissue, drainage, tissue healing, and pain level.
- Perform and document on EHR prescribed dressing changes to surgical and chronic wounds.
- Complete a wet to dry dressing change using aseptic technique and document on the EHR.
- Identify 5 signs and symptoms of hypoxia.
- Document the respiratory rate, depth, and rhythm on the EHR.
- Document the measurement of respiratory rate after administration of specific therapies on the EHR.
- Provide care and document on the EHR for a patient that requires oxygen.
- Report to the instructor and primary nurse and document on the EHR abnormal respiratory findings.
- Provide patient education regarding cessation of smoking and document on the EHR.
- Calculate with accuracy IV rate in mL/hour and drops/minute.
- Perform GI assessment, education regarding diet, and enteral feedings and enteral medications as prescribed and document on EHR.

Week 12

- Obtain change of shift report and provide nursing care for 2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report
- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
- Provide patient education on diabetes and diabetic medications and document on EHR.
- Monitor and document condition of IV site.
- Monitor and patient's fluid balance via intake & output and weight and document on EHR.
- Provide patient education regarding medication and discharge needs and document on EHR.
- Insert urinary catheter using aseptic technique and document on EHR.
- Provide nursing care including perineal care to a patient with an indwelling urinary catheter and document on EHR.
- Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
- Irrigate an indwelling urinary catheter and document on the EHR.
- Remove an indwelling catheter and document on the EHR.
- Provide nursing care and documentation on the EHR for a patient with an ostomy.
- Measure, insert and check placement of a nasogastric tube and document on the EHR.

- Prepare a patient for surgery including completing pre-operative checklist and pre-op patient education.
- Provide post-operative assessment, nursing care and document on EHR.
- Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.
- Provide empathetic care to a patient with cancer. Instructor to observe interactions or interview client and/or family to assess.
- Provide care to an orthopedic patient with limitations in mobility and document on EHR.
- Perform a wound assessment and document on EHR the size, depth, type and condition of tissue, drainage, tissue healing, and pain level.
- Perform and document on EHR prescribed dressing changes to surgical and chronic wounds.
- Complete a wet to dry dressing change using aseptic technique and document on the EHR.
- Identify 5 signs and symptoms of hypoxia.
- Document the respiratory rate, depth, and rhythm on the EHR.
- Document the measurement of respiratory rate after administration of specific therapies on the EHR.
- Provide care and document on the EHR for a patient that requires oxygen.
- Report to the instructor and primary nurse and document on the EHR abnormal respiratory findings.
- Provide patient education regarding cessation of smoking and document on the EHR.
- Calculate with accuracy IV rate in mL/hour and drops/minute.
- Perform GI assessment, education regarding diet, and enteral feedings and enteral medications as prescribed and document on EHR.

Week 13

- Obtain change of shift report and provide nursing care for 2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report
- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
- Provide patient education on diabetes and diabetic medications and document on EHR.
- Monitor and document condition of IV site.
- Monitor and patient's fluid balance via intake & output and weight and document on EHR.
- Provide patient education regarding medication and discharge needs and document on EHR.
- Insert urinary catheter using aseptic technique and document on EHR.
- Provide nursing care including perineal care to a patient with an indwelling urinary catheter and document on EHR.
- Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
- Irrigate an indwelling urinary catheter and document on the EHR.
- Remove an indwelling catheter and document on the EHR.
- Provide nursing care and documentation on the EHR for a patient with an ostomy.
- Measure, insert and check placement of a nasogastric tube and document on the EHR.
- Prepare a patient for surgery including completing pre-operative checklist and pre-op patient education.
- Provide post-operative assessment, nursing care and document on EHR.
- Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.
- Provide empathetic care to a patient with cancer. Instructor to observe interactions or interview client and/or family to assess.
- Provide care to an orthopedic patient with limitations in mobility and document on EHR.

- Perform a wound assessment and document on EHR the size, depth, type and condition of tissue, drainage, tissue healing, and pain level.
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- Provide care and document on the EHR for a patient that requires oxygen.
- Report to the instructor and primary nurse and document on the EHR abnormal respiratory findings.
- Provide patient education regarding cessation of smoking and document on the EHR.
- Calculate with accuracy IV rate in mL/hour and drops/minute.
- Perform GI assessment, education regarding diet, and enteral feedings and enteral medications as prescribed and document on EHR

Week 14

- Obtain change of shift report and provide nursing care for 2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report
- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
- Provide patient education on diabetes and diabetic medications and document on EHR.
- Monitor and document condition of IV site.
- Monitor and patient's fluid balance via intake & output and weight and document on EHR.
- Provide patient education regarding medication and discharge needs and document on EHR.
- Insert urinary catheter using aseptic technique and document on EHR.
- Provide nursing care including perineal care to a patient with an indwelling urinary catheter and document on EHR.
- Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
- Irrigate an indwelling urinary catheter and document on the EHR.
- Remove an indwelling catheter and document on the EHR.
- Provide nursing care and documentation on the EHR for a patient with an ostomy.
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- Prepare a patient for surgery including completing pre-operative checklist and pre-op patient education.
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- Provide care and document on the EHR for a patient that requires oxygen.
- Report to the instructor and primary nurse and document on the EHR abnormal respiratory findings.
- Provide patient education regarding cessation of smoking and document on the EHR.
- Calculate with accuracy IV rate in mL/hour and drops/minute.
- Perform GI assessment, education regarding diet, and enteral feedings and enteral medications as prescribed and document on EHR

Week 15

- Obtain change of shift report and provide nursing care for 2 patients including shift assessment, head to toe assessment, vital signs and care given and perform related documentation on the EHR. Give primary nurse end of shift report
- Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity. Instructor will observe interactions or interview clients to assess effectiveness.
- Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
- Administer and document oral medications, insulin and heparin administration with instructor.
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- Provide patient education regarding cessation of smoking and document on the EHR.
- Calculate with accuracy IV rate in mL/hour and drops/minute.

- Perform GI assessment, education regarding diet, and enteral feedings and enteral medications as prescribed and document on EHR.

Week 16

No lab/clinical

METHODS OF INSTRUCTION:

Lecture, skills lab, hospital clinical lab, skills demonstration, return demonstration

OUT OF CLASS ASSIGNMENTS:

Required Outside Hours: 10

Assignment Description: Lab cards and medication cards are required.

METHODS OF EVALUATION:

Writing assignments

Percent of total grade: 10.00 %

Percent range of total grade: 5% to 10% Lab Cards and Med Cards are required.

Problem-solving assignments

Percent of total grade: 0.00 %

Clinical Math Exam requires a minimum 90% competency level to pass the course, but it is not counted into the grade. Pass/fail only. You must receive the minimum 90% to pass the course.

Skill demonstrations

Percent of total grade: 0.00 %

Skills testing of nursing clinical skills. Skills testing is pass/fail only. Students must demonstrate safe clinical performance with patient care in the hospital. Clinical evaluations are performed and are pass/fail only. Students must pass skills testing and have passing clinical performance in the hospital in order to pass the course.

Objective examinations

Percent of total grade: 95.00 %

Percent range of total grade: 90% to 95 % Theory Exams, Quizzes, ATI Proctored Exams. Multiple Choice, True/False, Matching Items, Essay Completion.

Other methods of evaluation

Percent of total grade: 0.00 %

REPRESENTATIVE TEXTBOOKS:

ATI Testing. ATI NCLEX Review Modules & Proctored Assessments. Leawood, KS: Assessment Technologies Inc.,2018.

New testing and NCLEX-PN review software.

ISBN: None

Clayton. PHARM = Basic Pharmacology for Nurses, 17th edition. St. Louis, MO: Elsevier,2017.

New text.

ISBN: 9780323396103

Clayton. PHARM SG = Basic Pharmacology for Nurses, 17th edition. St. Louis, MO: Elsevier,2017.

New text.

ISBN: 978-0323396110

Doenges, Moorhouse & Murr. Nurse's Pocket Guide: Diagnoses, Prioritized Interventions and Rationales, 14th edition.. Philadelphia, PA: FA Davis,2016.

Updated with current edition.

ISBN: 0803644752

FA Davis. Nursing Central for Smartphone. Charlottesville, VA: Unbound Medicine / FA Davis,2018.
Updated with current edition.
ISBN: None

FA Davis. Taber's Cyclopedic Medical Dictionary, 23rd edition.. Philadelphia, PA: FA Davis,2017.
Updated with current edition.
ISBN: 978-0-8036-5904-9

Linton. IMSN = Introduction to Medical-Surgical Nursing, 6th ed.. St. Louis, MO: Elsevier,2016.
New text.
ISBN: 9781455776412

Mosby. Mosby's Dictionary of Medicine, Nursing & Health Professions, 10th edition. St. Louis, MO:
Elsevier,2016.
Updated to current edition.
ISBN: 9780323222051

Nugent & Vitale. Fundamentals Success-A Q&A Review Applying Critical Thinking to Test Taking, 4th
edition. Philadelphia, PA: FA Davis,2015.
New text.
ISBN: 978-0-8036-4414-4

Phelps, Sparks & Taylor. Nursing Diagnosis Reference Manual, 10th ed.. Riverwood, IL: Lippincott,2017.
Updated with current edition.
ISBN: 9781496347817

Potter & Perry. FON = Fundamentals of Nursing, 9th edition. St. Louis, MO: Elsevier,2017.
Updated with current edition.
ISBN: 9780323327404

Potter & Perry. FON SG = Fundamentals of Nursing Study Guide, 8th ed.. St. Louis, MO: Elsevier,2017.
Updated to current edition.
ISBN: 9780323396448

Purnell & Paulanka. CCHC = Culturally Competent Health Care (guide to), 3rd ed.. Philadelphia, PA: FA
Davis,2018.
Updated edition.
ISBN: 978-0-8036-6702-0

Turner & Mullholland. The Nurse, The Math, The Meds. 4th edition. St. Louis, MO: Elsevier,2018.
New text.
ISBN: 9780323293839

Vallerand & Sanoski. Davis Drug Guide (Nurse's Med Deck), 15th edition. Philadelphia, PA: FA Davis,2017.
Updated to current edition.
ISBN: 978-0-8036-5707-6

Van Leeuwen & Bladh. Davis's Comprehensive Handbook of Laboratory and Diagnostic Tests With Nursing
Implications, 7th ed. FA D. Philadelphia, PA: FA Davis,2017.
Updated with current edition.
ISBN: 978-0-8036-5943-8

Recommended Representative Textbooks

Myers. LPN Notes : Nurse's Clinical Pocket Guide, 4th Edition. Philadelphia, PA: FA Davis,2016.
New text.
ISBN: 978-0-8036-5796-0

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Transferable CSU, effective 200970

UC TRANSFER:

Not Transferable

SUPPLEMENTAL DATA:

Basic Skills: N

Classification: Y

Noncredit Category: Y

Cooperative Education:

Program Status: 1 Program Applicable

Special Class Status: N

CAN:

CAN Sequence:

CSU Crosswalk Course Department: AH

CSU Crosswalk Course Number: 52

Prior to College Level: Y

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: C

Maximum Hours:

Minimum Hours:

Course Control Number: CCC000506200

Sports/Physical Education Course: N

Taxonomy of Program: 123020