GAVILAN COLLEGE
5055 Santa Teresa Blvd
Gilroy, CA 95023

Course Outline

COURSE: AH 72 DIVISION: 40 ALSO LISTED AS:

TERM EFFECTIVE: Fall 2021 CURRICULUM APPROVAL DATE: 06/06/2020

SHORT TITLE: LVN-2

LONG TITLE: Licensed Vocational Nursing - 2

Units	Number of Weeks	Type	Contact Hours/Week	Total Contact Hours/Units
12.5	18	Lecture:	6.5	117 / 6.5 Units of Lecture
		Lab:	18	324 / 6 Units of Lab
		Other:	0	0
		Total:	24.5	441

Out of Class Hrs:	234.00
Total Learning Hrs:	324.00

COURSE DESCRIPTION:

2nd semester of the three semester LVN program. Curriculum includes medical surgical nursing. Prerequisite: Acceptance to the Gavilan LVN program, separate application required. AH 71 Licensed Vocational Nursing 1.

PREREQUISITES:

Acceptance to the Gavilan LVN program, separate application required. AH 71 Licensed Vocational Nursing 1.

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
04 - Laboratory/Studio/Activity
04B - Laboratory - LEH 0.75
05 - Hybrid
71 - Dist. Ed Internet Simultaneous
72 - Dist. Ed Internet Delayed
73 - Dist. Ed Internet Delayed LAB
73B - Dist. Ed Internet LAB-LEH 0.75

STUDENT LEARNING OUTCOMES:

By the end of this course, a student should:

1. Provide high quality, safe, compassionate, patient-centered nursing care utilizing the nursing process and evidence-based practices.
2. Function as a professional and competent nurse generalist by providing care in a variety of healthcare settings to diverse patient populations while assimilating all ethical and legal principles within the LVN scope of practice.
3. Demonstrate teamwork and collegiality by utilizing effective communication and maintaining collaborative relationships with members of the healthcare team for the purpose of providing and improving patient care.
4. Incorporate critical thinking principles using reasoning and adaptability to make sound clinical judgments necessary for the provision of quality patient care and continuous quality improvement.
5. Employ technology including electronic medical records (EMR's), to effectively communicate, manage information and patient care, prevent errors, and support decision-making.

COURSE CONTENT:

Curriculum Approval Date: 06/06/2020

LECTURE CONTENT:

7.0 hours

Explain the pharmacological effects of drugs used in general and regional anesthesia and post-operative pain control.

List the names, actions, possible side effects, and adverse effects of drugs for anesthesia and post-operative pain control.

Distinguish among elective, urgent, and emergency surgery.

Explain the concept of perioperative nursing.

Discuss considerations for the older adult surgical patient.

Describe the preoperative checklist.

Explain the importance of informed consent for surgery.

Explain the procedure for turning, deep breathing, coughing, and leg exercises for postoperative patients.

Differentiate among general, regional, and local anesthesia.

Explain conscious (moderate) sedation.

Describe the roles of the circulating nurse and the scrub nurse during surgery.

Discuss the initial nursing assessment and management immediately after transfer from the post-anesthesia care unit.

Identify the rationale for nursing interventions designed to prevent postoperative complications.

List the assessment data for the surgical patient.

7.0 hours

Care of the Surgical Patient

Explain the pharmacological effects of drugs used in general and regional anesthesia and post-operative pain control.

List the names, actions, possible side effects, and adverse effects of drugs for anesthesia and post-operative pain control.

Distinguish among elective, urgent, and emergency surgery.

Explain the concept of perioperative nursing.

Discuss considerations for the older adult surgical patient.

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Explain the procedure for turning, deep breathing, coughing, and leg exercises for postoperative patients.

Differentiate among general, regional, and local anesthesia.

Explain conscious (moderate) sedation.

Describe the roles of the circulating nurse and the scrub nurse during surgery.

Discuss the initial nursing assessment and management immediately after transfer from the post-anesthesia care unit.

Identify the rationale for nursing interventions designed to prevent postoperative complications.

List the assessment data for the surgical patient.

COURSE CONTENT(CONTINUED):

LECTURE CONTENT(CONTINUED):

7.0 hours

Describe the effects of aging on the absorption and metabolism of drugs.

Identify some of the common myths concerning the older adult.

Discuss common psychosocial events that occur with the older adult.

Describe changes associated with aging for each of the body systems.

Identify patient problems appropriate to common health concerns of the older adult.

Describe appropriate nursing interventions for common health concerns of the older adult.

Discuss changes that occur with aging in intelligence, learning, and memory.

Discuss leading safety and security issues faced by older adults.

Identify ways to preserve dignity and to increase self-esteem of the older adult.

Discuss how finances and housing are major concerns for the older adult.

Compare how older adults differ from younger individuals in their response to illness, medications, and hospitalization.

7.0 hours

Discuss how the various classes of oral hypoglycemic medications work to improve the mechanisms by which insulin and glucose are produced and used by the body.

Discuss the various insulin types and their characteristics.

Describe the correct way to draw up and administer insulin.

List and describe the endocrine glands and their hormones.

Discuss the etiology and pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, patient teaching, and prognosis for patients with acromegaly, gigantism, dwarfism, diabetes insipidus, syndrome of inappropriate antidiuretic hormone, hyperthyroidism, hypothyroidism, goiter, thyroid cancer, hyperparathyroidism, hypoparathyroidism, Cushing's syndrome, and Addison's disease.

Explain how to test for Chvostek's sign, Trousseau's sign, and carpopedal spasms.

List two significant complications that may occur after thyroidectomy.

Describe the etiology and pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, patient teaching, and prognosis for the patient with diabetes mellitus.

Differentiate between the signs and symptoms of hyperglycemia and hypoglycemia.

Differentiate among the signs and symptoms of diabetic ketoacidosis, hyperglycemic hyperosmolar nonketotic coma, and hypoglycemic reaction.

Explain the roles of nutrition, exercise, and medication in the control of diabetes mellitus.

Discuss the acute and long-term complications of diabetes mellitus.

7.0 hours

Describe the major categories of chemotherapeutic agents.

Discuss six general guidelines for pain control in the patient with advanced cancer.

Discuss development, prevention, and detection of cancer.

List seven risk factors for cancer.

List seven warning signs of cancer.

Describe the pathophysiologic features of cancer, including the characteristics of malignant cells.

Describe the process of metastasis.

Define the systems of tumor classification: grading and staging.

List common diagnostic tests used to identify cancer.

Explain why biopsy is essential in confirming a diagnosis of cancer.

Describe nursing interventions for the individual undergoing surgery, radiation therapy, chemotherapy, bone marrow transplantation, or peripheral stem cell transplantation.

COURSE CONTENT(CONTINUED):

LECTURE CONTENT(CONTINUED):

7.0 hours

Explain the role of loss in the grief reaction.

Describe the stages of dying.

Explain the concepts of euthanasia, do not resuscitate (DNR) orders, and organ donations.

Discuss nursing interventions for the dying patient.

List nursing interventions that may facilitate grieving in special circumstances (perinatal, pediatric, older adult, and suicide).

Identify the unique physical signs and symptoms of the patient who is near death.

Describe nursing responsibilities in care of the body after death.

Identify needs and discuss support for the grieving family.

Discuss support for the nurse who is experiencing grief after the loss of a patient.

Differentiate between palliative care and curative care.

Discuss four criteria for admission to hospice care.

Name the members of the interdisciplinary team, and explain their roles.

Discuss the role of hospice in families' bereavement period.

Discuss two ethical issues in hospice care.

7.0 hours

List the names, actions, possible side effects, and adverse effects of antihistamines, leukotriene inhibitors, and decongestant drugs.

List the names, actions, possible side effects, and adverse effects of beta adrenergic agonists and anticholinergic antagonists for asthma and COPD.

Explain what to teach patients for correct use of drugs delivered by aerosol inhalers and dry powder inhalers.

Explain how asthma controller (preventive) drugs are different from asthma reliever (rescue) drugs.

List the names, actions, possible side effects, and adverse effects of mucolytic and antitussive drugs.

List the ways in which oxygen and carbon dioxide are transported in the blood.

Identify signs and symptoms that indicate a patient is experiencing hypoxia.

Differentiate among wheezes, crackles, and pleural friction rub.

Discuss the etiology and pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, and prognosis of the patient with disorders of the upper airway and lower airway.

Discuss nursing interventions for the patient with a laryngectomy.

Differentiate between tuberculosis infection and tuberculosis disease.

List nursing assessments and interventions pertaining to the care of the patient with closed-chest drainage.

Compare and contrast the etiology and pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, and prognosis for the patient with chronic obstructive pulmonary disease, including emphysema, chronic bronchitis, asthma, and bronchiectasis.

COURSE CONTENT(CONTINUED):

LECTURE CONTENT(CONTINUED):

7.0 hours

List the names, pharmacological actions, possible side effects, and adverse effects of drugs for high blood cholesterol and drugs for high blood pressure, angina, heart failure and dysrhythmias.

List diagnostic tests used to evaluate cardiovascular function.

Verbalize multiple pulse sites and the method for taking pulses using a stethoscope or doppler.

For coronary artery disease, compare nonmodifiable risk factors with factors that are modifiable in lifestyle and health management.

Compare the etiology and pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, and prognosis for patients with angina pectoris, myocardial infarction, heart failure, pulmonary edema, with rheumatic heart disease, pericarditis, endocarditis and hypertension.

Discuss the purposes of cardiac rehabilitation.

Discuss the indications and contraindications for cardiac transplant.

Compare and contrast signs and symptoms and discuss nursing interventions associated with arterial and venous disorders.

Compare essential (primary) hypertension, secondary hypertension, and malignant hypertension.

2 hours – Midterm Exam

7.0 hours

Cardiovascular & Peripheral Vascular Disorders

List the names, pharmacological actions, possible side effects, and adverse effects of drugs for high blood cholesterol and drugs for high blood pressure, angina, heart failure and dysrhythmias.

List diagnostic tests used to evaluate cardiovascular function.

For coronary artery disease, compare nonmodifiable risk factors with factors that are modifiable in lifestyle and health management.

Compare the etiology and pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, and prognosis for patients with angina pectoris, myocardial infarction, heart failure, pulmonary edema, with rheumatic heart disease, pericarditis, endocarditis and hypertension.

Discuss the purposes of cardiac rehabilitation.

Discuss the indications and contraindications for cardiac transplant.

Compare and contrast signs and symptoms and discuss nursing interventions associated with arterial and venous disorders.

Compare essential (primary) hypertension, secondary hypertension, and malignant hypertension.

COURSE CONTENT(CONTINUED):

LECTURE CONTENT(CONTINUED):

7.0 hours

List the names, pharmacological actions, possible side effects, and adverse effects of opioids, NSAIDs, steroids, anti-parkinsonian drugs and drugs to treat osteoporosis.

Describe the location of major bones and muscles of the body.

List diagnostic examinations for musculoskeletal function.

Compare medical and nursing care for patients suffering from gouty arthritis, rheumatoid arthritis, and osteoarthritis.

List at least four healthy lifestyle measures people can practice to reduce the risk of developing osteoporosis.

Describe the medical and nursing care for the patient undergoing a total hip or knee replacement.

Discuss nursing interventions for a patient with a fractured hip after open reduction with internal fixation and hip prosthesis

Discuss the physiology of fracture healing (hematoma, granulation tissue, and callus formation).

Describe the signs and symptoms of compartment syndrome.

List nursing interventions for a fat embolism.

List at least two types of skin and skeletal traction.

Compare methods for assessing circulation, nerve damage, and infection in a patient who has a traumatic insult to the musculoskeletal system.

Define lordosis, scoliosis, and kyphosis.

7.0 hours

List the names, actions, possible side effects, and adverse effects of antiemetics, promotility drugs, antacids, histamine H2 receptor blockers, proton pump inhibitors, cytoprotective drugs, laxatives and antidiarrheals.

Discuss the function of each digestive and accessory organ.

Discuss the laboratory and diagnostic examinations associated with the gastrointestinal system.

Identify nursing interventions associated with disorders of the gastrointestinal tract.

Explain the etiology and pathophysiology, clinical manifestations, assessments, diagnostic tests, medical-surgical management, and nursing interventions for the patient with disorders of the mouth, esophagus, stomach, and intestines.

Identify nursing interventions for preoperative and postoperative care of the patient who requires gastric surgery.

Compare and contrast the inflammatory bowel diseases of ulcerative colitis and Crohn’s disease.

Discuss the etiology and pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, and nursing interventions for the patient with acute abdominal inflammations (appendicitis, diverticulitis, and peritonitis), for the patient with hernias, and for the patient with colorectal cancer.

Explain the causes, medical management, and nursing interventions for the patient with fecal incontinence.

7.0 hours

Explain what types of drug are used topically to manage eye and ear problems.

Describe the proper technique to administer eye drops and eye ointments.

Describe the proper technique to administer drugs to the ear.

List the names, actions, possible side effects, and adverse effects of drugs for glaucoma.

Discuss the viral, bacterial, fungal, and inflammatory disorders, parasitic disorders and tumors of the skin.

Discuss the stages of burn care with appropriate nursing interventions.

Differentiate between abnormal and normal physical assessments of the visual and auditory systems.

Describe two age-related changes and assessment findings in the visual and auditory systems.

Discuss the refractory errors of astigmatism, strabismus, myopia, and hyperopia, including etiology, pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, and patient teaching.

COURSE CONTENT(CONTINUED):

LECTURE CONTENT(CONTINUED):

7.0 hours

Compare and contrast the nature of cataracts, diabetic retinopathy, macular degeneration, retinal detachment, and glaucoma, including the etiology, pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, patient teaching, and prognoses.

Discuss corneal injuries, including etiology, pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, patient teaching, and prognoses.

Describe the appropriate care of the hearing aid.

List tips for communicating with people with visual and hearing impairments.

Describe the various surgeries of the ear, including the nursing interventions, patient teaching, and prognoses.

7.0 hours

List the names, actions, possible side effects, adverse effects of diuretic drugs.

List the names, actions, possible side effects, and adverse effects of drugs to treat benign prostatic hyperplasia and overactive bladder.

Identify the effects of aging on urinary system function.

Incorporate pharmacotherapeutic and nutritional considerations into the nursing care plan of the patient with a urinary disorder.

Prioritize the special needs of the patient with urinary dysfunction.

Describe the alterations in kidney function associated with disorders of the urinary tract.

Address patient concerns in teaching about altered sexuality secondary to urinary disorders and treatments

7.0 hours

Explain the anatomic location and functions of the cerebrum, the brainstem, the cerebellum, the spinal cord, the peripheral nerves, and cerebrospinal fluid.

Discuss the parts of the peripheral nervous system and how the system works with the central nervous system.

Differentiate between normal and common abnormal findings of a physical assessment of the nervous system.

Discuss the Glasgow Coma Scale.

List common laboratory and diagnostic examinations for evaluation of neurologic disorders.

List five signs and symptoms of increased intracranial pressure, why they occur, and nursing interventions that decrease intracranial pressure.

List four classifications of seizures, their characteristics, clinical signs, aura, and postictal period.

Discuss the etiology, pathophysiology, clinical manifestations of stroke and the assessment, diagnostic tests, medical management, nursing interventions, and prognosis for a stroke patient.

Differentiate between trigeminal neuralgia and Bell’s palsy.

Discuss the etiology, pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, and prognosis for GBS, meningitis, encephalitis, and AIDS.

Discuss the etiology, pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, and prognosis for intracranial tumors, brain trauma, and spinal trauma.

COURSE CONTENT(CONTINUED):

LECTURE CONTENT(CONTINUED):

7.0 hours

Describe how the liver affects absorption and metabolism of drugs.

List the names, pharmacological actions, possible side effects, and adverse effects of drugs used for patients with liver, gall bladder and pancreatic diseases.

Discuss the diagnostic examinations of patients with disorders of the gallbladder, liver, biliary tract, and exocrine pancreas.

Explain the etiology, pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, and nursing interventions for the patient with cirrhosis of the liver, carcinoma of the liver, hepatitis, liver abscesses, cholecystitis, cholelithiasis, pancreatitis, and cancer of the pancreas.

Define jaundice and describe signs and symptoms that may occur with jaundice.

State the types of viral hepatitis, including their modes of transmission.

Discuss the indicators for liver transplantation and the immunosuppressant drugs to reduce rejection.

Discuss the two methods of surgical treatment for cholecystitis and cholelithiasis.

3 hours – Final Exam

COURSE CONTENT(CONTINUED):
LAB CONTENT:
Nursing skills lab and Clinical practice
21.6 Hours
Prepare a patient for surgery.
Complete pre-operative teaching and pre-op checklist,
Provide postoperative to patient returning from surgery to the medical-surgical unit
Skills practice of previously learned skills from AH71. The student is able to accurately perform and document the following:
Head to toe assessment
Medication administration
Non-parental medications
Parenteral medications
Insulin & heparin administration
Via gastric or NG tube
Isolation / PPE
Sterile gloving / sterile fields
IV assessment, calculating flow rates, & 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
Gastroccult and hemoccult testing
Wound care

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):
21.6 Hours
Wound Care Practice
Demonstrates opening a sterile pack and maintaining a sterile field.
Correctly dons sterile gloves.
Demonstrates application of a dry sterile dressing, and a wet to dry dressing.
Demonstrates correct technique for irrigating a wound.
Demonstrates accurately emptying a Jackson-Pratt, hemovac, and a T-tube drainage bag.
Demonstrates suture and staple removal,
Hospital Orientation
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).
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.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):21.6 Hours
Demonstrate teaching the correct technique for the use of mobility aids such as walkers, crutches, cane, and gait belt.
Demonstrates correct use and documentation of soft restraints, bed alarms and other measures to decrease patient falls.
Demonstrates how to set up medications for an elderly patient with memory deficits using a weekly pill box.
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.
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Insert urinary catheter using aseptic technique and document on EHR.
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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 an elderly patient. Instructor to observe interactions or interview client and/or family to assess.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):
21.6 Hours
Demonstrates ability to correctly draw up multiple types of insulin, inject and document insulin administration.
Administer oral hypoglycemics with accuracy.
Identify the signs & symptoms of hypo and hyperglycemia and the treatment for each.
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.
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 an elderly patient. Instructor to observe interractions or interview client and/or family to assess.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):21.6 Hours
Role play interactions with a patient or a family member who is dealing with cancer.
Demonstrate proficiency with taking a manual blood pressure.
Demonstrate proficiency with drawing up an injection from a vial, an ampule, selecting an appropriate site and administering an IM injection.
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. Give primary nurse end of shift report
Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity.
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 an elderly patient or a cancer patient. Instructor to observe interractions or interview client and/or family to assess.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):
21.6 Hours
Demonstrate post-mortem care.
Discuss the grieving family and the grieving nurse.
Verbalize signs of impending death.
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. Give primary nurse end of shift report
Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity.
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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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 an elderly patient or a cancer patient. Instructor to observe interactions or interview client and/or family to assess.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):
21.6 Hours
Demonstrate correct technique for tracheostomy care and suctioning.
Demonstrate setting a variety of oxygen delivery systems in a patient room.
Identify correctly wheeze, rhonchi, crackles, friction rub.
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. Give primary nurse end of shift report
Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity.
Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
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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 an elderly patient or a cancer patient. Instructor to observe interactions or interview client and/or family to assess.
Provide care for a patient with a respiratory disorder.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):
21.6 Hours
Demonstrate proficiency taking apical, radial, pedal, femoral, and carotid pulse.
Demonstrate taking a pulse using a doppler.
Demonstrate accuracy when obtaining a Sa02 level and a manual blood pressure.
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. Give primary nurse end of shift report
Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity.
Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
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Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.
Provide empathetic care to an elderly patient or a cancer patient. Instructor to observe interractions or interview client and/or family to assess.
Provide care for a patient with a respiratory or a cardiac disorder.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):
21.6 Hours
Demonstrate proficiency taking apical, radial, pedal, femoral, and carotid pulse.
Demonstrate taking a pulse using a doppler.
Demonstrate accuracy when obtaining a Sa02 level and a manual blood pressure.
Demonstrate correct technique for tracheostomy care and suctioning.
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. Give primary nurse end of shift report
Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity.
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 an elderly patient or a cancer patient. Instructor to observe interactions or interview client and/or family to assess.
Provide care for a patient with a respiratory or a cardiac disorder.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):
21.6 Hours
Provides care of patient in traction including pin care.
Performs neurovascular checks on patients with limb disorders.
Correctly demonstrates use of a walker, crutches, cane, gait belt for ambulating patients.
Performs tracheostomy care and suctioning with aseptic technique.
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. Give primary nurse end of shift report
Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity.
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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Measure and document on EHR a post-void residual (PVR) with catheterization or a bladder scan.
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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 an elderly patient or a cancer patient. Instructor to observe interactions or interview client and/or family to assess.
Provide care for a patient with respiratory. cardiac disorder or musculoskeletal disorder.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):
21.6 Hours
Demonstrate proficiency in administering an enema.
Demonstrate proficiency with measuring and inserting a nasogastric tube and putting it to suction.
Demonstrate proficiency with insertion of a feeding tube.
Administer medications through a nasogastric or gastric tube.
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. Give primary nurse end of shift report
Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity.
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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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 an elderly patient or a cancer patient. Instructor to observe interactions or interview client and/or family to assess.
Provide care for a patient with respiratory. cardiac disorder, musculoskeletal or gastrointestinal disorder.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):21.6 Hours
Correctly instill ear drops and eye drops.
Complete pre-op teaching and a pre-op checklist on a surgical patient.
Perform an ear irrigation.
Perform a hearing screening exam.
Perform a vision screening exam.
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. Give primary nurse end of shift report
Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity.
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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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 an elderly patient or a cancer patient.
Provide care for a patient with a respiratory. cardiac disorder, musculoskeletal or gastrointestinal disorder.
Provide care for a patient with hearing or vision problems.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):
21.6 Hours
Demonstrate insertion of an indwelling catheter on a male and a female patient.
Demonstrate how to obtain hourly urine outputs.
Demonstrate intake and output using sample food trays, and nasgastric drainage, IV intake, and urine and stool output.
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. Give primary nurse end of shift report
Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity.
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 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 an elderly patient or a cancer patient.
Provide care for a patient with respiratory. cardiac disorder, musculoskeletal, urinary or gastrointestinal disorder.
Provide care for a patient with hearing or vision problems.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):
21.6 Hours
Demonstrate the correct use and documentation of the Glascow coma scale.
Position a patient who has a neurological disorder with increased intracranial pressure and a patient who is having a seizure.
Demonstrate seizure precautions.
Demonstrate feeding techniques for a patient who has had a stroke.
Demonstrate transferring and ambulating a patient who has weakness on one side.
Demonstrate proficiency with administering enoxaparin and heparin subcutaneous injections.
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. Give primary nurse end of shift report
Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity.
Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
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Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.
Provide empathetic care to an elderly patient or a cancer patient.
Provide care for a patient with respiratory. cardiac disorder, musculoskeletal, urinary, neurological or gastrointestinal disorder.
Provide care for a patient with hearing or vision problems.

COURSE CONTENT(CONTINUED):
LAB CONTENT(CONTINUED):
21.6 Hours
Demonstrate proficiency with emptying a t-tube drainage bag.
Demonstrate proficiency with assessing for signs & symptoms of the patient with liver failure.
Demonstrate beginning level proficiency with analysis of CBC, electrolytes and liver panel bloodwork.
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. Give primary nurse end of shift report
Maintain a nurse-client relationship utilizing therapeutic communication techniques. Maintain cultural sensitivity.
Look up all medications, noting SDR, drug classification, actions, side effects on student worksheet.
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Complete a pain assessment and provide comfort measures including medications to relieve pain and document on EHR.
Provide empathetic care to an elderly patient or a cancer patient.
Provide care for a patient with respiratory. cardiac disorder, musculoskeletal, urinary, neurological, gastrointestinal, liver, gall bladder or pancreatic disorder.
Provide care for a patient with hearing or vision problems.

METHODS OF INSTRUCTION:
Lecture in classroom. Practice in skills lab and hospital clinical with live patients.

OUT OF CLASS ASSIGNMENTS:
Required Outside Hours: 234
Assignment Description: Clinical worksheets are required each week.

METHODS OF EVALUATION:
Writing assignments
Percent of total grade: 10.00 %

Problem-solving assignments
Percent of total grade: 10.00 %

Skill demonstrations
Percent of total grade: 10.00 %

Objective examinations
Percent of total grade: 60.00 %

Other methods of evaluation
Percent of total grade: 10.00 %

REPRESENTATIVE TEXTBOOKS:
Cooper & Gosnell. Foundations and Adult Health Nursing . St. Louis, MO: Elsevier,2020.

Nursing fundamentals and skills lab manual for LVN nursing students, medical surgical, pediatric, obstetrics, and psychiatric nursing.
ISBN: 978-0323484374
Reading Level of Text, Grade: 12

Turner. The Nurse, The Math, The Meds. St. Louis, MO: Elsevier,2020.

Math and dosage calculations for nursing students
ISBN: 978-0323479509
Reading Level of Text, Grade: 12

Workman & LaCharity. Understanding Pharmacology: Essentials for Medication Safety. St. Louis, MO: Elsevier,2020.

Pharmacology textbook for LVN students.
ISBN: 9780323339223
Reading Level of Text, Grade: 12

ARTICULATION and CERTIFICATE INFORMATION

CSU TRANSFER:

Transferable CSU

UC TRANSFER:

Transferable UC

SUPPLEMENTAL DATA:

Basic Skills: N
Classification: Y
Noncredit Category: Y
Cooperative Education: N
Program Status: 1 Program Applicable
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department:
CSU Crosswalk Course Number:
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: C
Course Control Number: CCC000622735
Sports/Physical Education Course: N
Taxonomy of Program: 123020
CIP: 513901