

5055 Santa Teresa Blvd Gilroy, CA 95023

# **Course Outline**

COURSE: AH 73 DIVISION: 50 ALSO LISTED AS:

TERM EFFECTIVE: Fall 2021 CURRICULUM APPROVAL DATE: 06/09/2020

SHORT TITLE: LVN - 3

LONG TITLE: Licensed Vocational Nursing - 3

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

### **COURSE DESCRIPTION:**

Third and final semester in the Licensed Vocational Nursing program. Course includes pediatrics, obstetrics and medical surgical nursing. PREREQUISITE: Acceptance to the Gavilan LVN program, separate application required. Completion of AH 71 and AH 72.

PREREQUISITES:

AH 71, AH 72

**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
- 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.

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

Curriculum Approval Date: 06/09/2020

# LECTURE CONTENT:

7.0 hours

Discuss the role of drugs and alcohol in pregnancy and the need for vigilant scrutinization of medications.

Explain the physiology of conception.

Discuss the anatomic and physiologic alterations that occur during pregnancy.

Identify the components of an antepartal assessment.

Differentiate among the presumptive, possible, and positive signs of pregnancy.

Discuss birth planning.

Discuss birth setting choices.

Discuss the signs and symptoms of impending labor.

Distinguish between true and false labor.

Explain the five factors that affect the labor process.

Discuss cephalopelvic disproportion.

## 7.0 hours

Discuss the medications used, their pharmacological actions, and use during labor and delivery for control of blood pressure, labor, anesthesia and pain control.

Describe the "powers" involved in labor and delivery.

Describe the postpartum assessment of the mother.

Identify the physiologic changes that occur in the postpartum period.

Discuss the nursing responsibilities during the postpartum period.

Explain the importance of teaching personal and infant care.

Discuss the psychosocial adaptations that occur after birth.

Discuss interventions for the prevention of infant abductions.

Describe the assessment of the healthy newborn.

Identify the physical characteristics of the healthy newborn

### 7.0 hours

List conditions that increase maternal and fetal risk.

Compare and contrast abruptio placentae and placenta previa, noting signs and symptoms, complications, and nursing and medical management.

Identify diagnostic tests used to determine high-risk situations.

Compare and contrast hypertensive disorders experienced during pregnancy.

Identify preexisting maternal health conditions that influence pregnancy.

List the infectious diseases most likely to cause serious complications.

List three benefits of regular physical activity in children.

Identify barriers to health promotion and maintenance for the pediatric population.

State the American Academy of Pediatrics' recommendations for immunization administration in healthy infants and children.

Discuss the personal characteristics and professional skills of a successful pediatric nurse.

Describe areas in which the pediatric nurse uses principles of growth and development.

Discuss how to use the head-to-toe method for the physical assessment of a child.

# 7.0 hours

State three strategies to promote dental health.

State the causes and prevention of accidental poisonings.

Describe four strategies to prevent aspiration of a foreign body.

Discuss the proper use of infant safety seats in motor vehicles.

List safety precautions important in educating parents to prevent environmental injuries to children.

Identify health risks for adolescents and interventions to reduce them.

Discuss the impact of social media on children.

### 7.0 hours

Describe the etiology and pathophysiology, types, clinical manifestations, diagnostic tests, and medical management of and nursing interventions, patient teaching, and prognosis for children affected by the following:

Congenital heart defects

Iron-deficiency anemia, sickle cell anemia, and aplastic anemia

Hemophilia and idiopathic thrombocytopenic purpura

Leukemia

Acquired immunodeficiency syndrome (AIDS)

Juvenile rheumatoid arthritis

Disorders of the respiratory system, including respiratory distress syndrome, bronchopulmonary dysplasia, pneumonia, sudden infant death syndrome, upper respiratory tract infections, tonsillitis, croup, bronchitis, respiratory syncytial virus, pulmonary tuberculosis, cystic fibrosis, and bronchial asthma

Disorders of the gastrointestinal system, including cleft lip and cleft palate, dehydration, diarrhea, gastroenteritis, constipation, gastroesophageal reflux, hypertrophic pyloric stenosis, intussusception, and Hirschsprung's disease

Disorders of the genitourinary system, including nephrotic syndrome, acute glomerulonephritis, and Wilms tumor

Disorders of the endocrine system, including hypothyroidism, hyperthyroidism, and diabetes mellitus Disorders of the musculoskeletal system, including hip dysplasia, osteomyelitis, talipes, Duchenne muscular dystrophy, and septic arthritis

#### 7.0 hours

Describe the etiology and pathophysiology, types, clinical manifestations, diagnostic tests, and medical management of and nursing interventions, patient teaching, and prognosis for children affected by the following:

Disorders of the nervous system, including meningitis, encephalitis, hydrocephalus, cerebral palsy, seizures, spina bifida, neonatal abstinence syndrome, and neuroblastoma

### Lead poisoning

Disorders of the integumentary system, including contact dermatitis, diaper dermatitis, eczema, seborrheic dermatitis, acne vulgaris, herpes simplex virus type I, tinea infections, candidiasis, and parasitic infections Disorders of the sensory system, including otitis media, refractive errors (myopia, hyperopia), strabismus, periorbital cellulitis, and allergic rhinitis

Identify six possible causes of cognitive impairment.

Describe the clinical manifestations of Down syndrome.

Discuss the appropriate nursing interventions in caring for a child with autism.

Demonstrate an understanding of medical management and nursing interventions for a child with a learning disability.

Describe four nursing interventions for a child with attention-deficit/hyperactivity disorder.

Identify six clinical manifestations of depression in children.

Discuss three nursing interventions for the child who is suicidal.

### 7.0 hours

Identify defining characteristics of people who are mentally healthy and those who are mentally ill.

Describe the parts of personality.

Describe the factors that influence an individual's response to change.

Identify factors that contribute to the development of emotional problems or mental illness.

Identify barriers to health adaptation.

Identify sources of stress.

Identify stages of illness behavior.

Identify major components of a nursing assessment that focuses on mental health status.

Identify basic nursing interventions for those experiencing illness or crisis.

Name two traits that characterize an addictive personality.

Describe the three stages of dependence.

Describe one legal effort that has decreased the incidence of substance abuse.

Describe three disorders associated with alcoholism.

Explain the two phases of recovery: detoxification and rehabilitation.

Identify six types of drugs of abuse.

Describe possible steps to help the chemically impaired nurse.

Identify and describe the major mental disorders.

List five warning signs of suicide.

Identify basic interventions for patients experiencing various mental health problems.

Describe the general care and treatment methods for patients experiencing mental health problems.

Name two alternative therapies used for mental disorders.

Discuss the chemically impaired nurse.

Describe different types of stresses that commonly affect today's families.

Describe the physical characteristics at each stage of the life cycle.

List the psychosocial changes at the different stages of development.

Describe the normal age-related changes that affect the major body systems.

Discuss the effect of the aging process on personality, intelligence, learning, and memory

### 7.0 hours

Describe the traditional work shifts of a licensed nurse.

List the advantages of membership in professional organizations.

Discuss the computerized adaptive testing (CAT) used for the licensed vocational nurse candidate (NCLEX-PN examination).

Discuss the nurse practice act.

Identify three important functions of a state board of nursing.

Discuss mentoring.

Discuss career opportunities for the LVN.

Discuss the guidelines and duties for being an effective leader in nursing.

Discuss styles of leadership for nurses.

Discuss delegating nursing tasks.

List three ways to ensure accuracy in transcribing health care providers' orders.

List the pertinent data necessary to compile an effective change-of-shift report.

Discuss the importance of malpractice insurance.

#### 2 hours - Midterm Exam

# 7.0 hours

Identify patients who would benefit from rehabilitation services.

Discuss the goals of rehabilitation therapies.

Describe the interdisciplinary rehabilitation team concept and the function of each team member.

Discuss the role of the nurse in the specialized practice of rehabilitation.

Recognize the importance and significance of family-centered care in rehabilitation.

Discuss two major disabling conditions.

Recognize polytrauma as a difficult challenge for rehabilitation.

Recognize how important it is for the nurse on the rehabilitation team to be knowledgeable about posttraumatic stress disorder (PTSD) and assess for its presence.

Describe the goals of pediatric and gerontologic rehabilitation nursing.

Summarize governmental financing possibilities for home health nursing.

Discuss new developments that are occurring in home health care, including remote electronic monitoring.

Relate seven steps to breaking through cultural barriers to communication.

List at least four services possible to provide home health care.

## 7.0 hours

Define skilled nursing services.

Describe the role of the licensed vocational nurse in the delivery of skilled nursing care.

Relate the nursing process to home health care practice.

List two sources of reimbursement for home care services.

Discuss federal and state regulations related to long-term care.

Identify the sources of reimbursement for long-term care services.

Define chronic and acute health services.

Describe goals of long-term care health services.

Describe long-term care nursing services.

Describe services available from each type of agency: home health agency, hospice agency, adult daycare, assisted living facility, continuing care community, and long-term care facility.

#### 7.0 hours

List common diagnostic tests for evaluation of blood and lymph disorders, and discuss the significance of the results.

Compare and contrast the various types of anemia in terms of etiology and pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, patient teaching, and prognosis.

List six signs and symptoms associated with hypovolemic shock.

Discuss important issues to cover in patient teaching and home care planning for the patient with pernicious anemia.

Discuss the etiology and pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, patient teaching, and prognosis for patients with acute and chronic leukemia.

#### 7.0 hours

Discuss the etiology and pathophysiology, clinical manifestations, assessment, diagnostic tests, medical management, nursing interventions, patient teaching, and prognosis for infections of the female reproductive tract.

Discuss four important points to be addressed in discharge planning for the patient with pelvic inflammatory disease.

List four patient problems pertinent to the patient with endometriosis.

Identify the clinical manifestations of a vaginal fistula.

Describe the common problems with cystocele and rectocele and the related medical management and nursing interventions.

#### 7.0 hours

Explain the concepts of immunocompetence, immunodeficiency, and autoimmunity.

Differentiate between natural and acquired immunity.

Compare and contrast humoral and cell-mediated immunity.

Review the mechanisms of the immune response.

Discuss five factors that influence the development of hypersensitivity.

Identify the clinical manifestations of anaphylaxis.

Outline the immediate aggressive treatment of systemic anaphylactic reaction.

Discuss the two types of latex allergies and recommendations for preventing allergic reactions to latex in the workplace.

Discuss selection of blood donors, typing and cross-matching, storage, and administration in preventing transfusion reaction.

Explain an immunodeficiency disease.

Discuss the cause of autoimmune disorders.

Explain plasmapheresis in the treatment of autoimmune diseases.

Discuss the pathophysiologic features of HIV disease.

List signs and symptoms that may be indicative of HIV disease.

Discuss the laboratory and diagnostic tests related to HIV disease.

Discuss the issues related to HIV antibody testing.

Describe the multidisciplinary approach in caring for a patient with HIV disease.

#### 7.0 hours

Explain the use of each of the six phases of the nursing process.

List the elements of each of the six phases of the nursing process.

Describe the establishment of the database.

Discuss the components of a patient problem statement.

Differentiate between types of health problems.

Describe the development of patient-centered goals.

Discuss the creation of nursing orders.

Explain the evaluation of a nursing care plan.

Demonstrate the nursing process by preparing a nursing care plan.

Explain North American Nursing Diagnosis Association International (NANDA-I), Nursing Interventions Classification (NIC), and Nursing Outcomes Classification (NOC).

Describe the use of clinical pathways in managed care.

Discuss critical thinking in nursing.

Define evidence-based practice.

#### 7.0 hours

List the priorities of assessment to be performed in a situation in which first aid is necessary.

Discuss moral, legal, and physical interventions/ implications involved in performing first aid.

List the reasons for performing cardiopulmonary resuscitation (CPR).

List the steps in performing one-rescuer and two-rescuer CPR on an adult, child, and infant victim.

Identify the steps in performing the abdominal thrusts on conscious and unconscious victims and pregnant victims.

Discuss the management of airway obstruction in a child and an infant.

Discuss the signs and symptoms of shock and interventions to treat shock.

Discuss three methods of controlling bleeding.

#### 7.0 hours

Discuss the processes used to look for and secure employment.

List the advantages of membership in professional organizations.

Discuss programs that further educational goals.

Discuss the NCLEX-PN exam.

Discuss applying for licensure in the State of California.

3 hours - Final Exam

### LAB CONTENT:

Nursing skills lab and Clinical practice

## 21.6 Hours

Demonstrate using models on how fertilization and implantation of an embryo occurs.

Demonstrate measuring fundal height, checking fetal heart tones with accuracy.

Perform urine testing for protein and sugar.

Calculate with accuracy estimated date of confinement.

Able to verbalize the signs of false labor vs true labor.

Monitors fetal heart tones with accuracy.

Performs patient teaching for vaginal delivery.

Performs patient teaching and pre-op checklist for cesarean section.

Skills practice of previously learned skills from AH71 & 72. 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

Tracheostomy care and suctioning

#### 21.6 Hours

Participates in mock delivery.

Performs post-partum assessment.

Correctly operates infant warmer.

Demonstrates infant bath and cord care.

Performs a newborn assessment and correct placement in infant warmer.

Correctly diapers an infant, provides cord care, bathing, suctioning and feeding.

Performs maternal assessment post-delivery, including measuring fundal height, observation for hemorrhage.

Able to teach the basic principles of breast feeding and bottle feeding.

Weighs infant//toddler, measures head circumference and plots on growth table.

Correctly administers the Heimlich maneuver and CPR on an infant.

#### 21.6 Hours

Performs well child assessment.

Able to select the correct immunizations needed for the infant, toddler, child and adolescent.

Able to draw up immunizations from vial and administer with correct technique.

Hospital and Clinic Orientation

Labor and Delivery Clinical

Assist and/or demonstrate a labor and delivery patient admission, application of external fetal monitor, time uterine contractions/monitor fetal heart rate, assist in pain control during and after labor.

Assist with set-up of delivery table and assist the physician/midwife/nurses during the delivery of an infant.

Assist Circulating nurse in cesarean section birth with performing instrument and sponge counts, patient positioning, Foley catheter insertion, surgical scrub, surgical time out, SCD application, tie gowns of all members of the surgical team and documentation of surgical procedure.

Postpartum Clinical

Assess and document the impending signs of postpartum complications such as uterine rupture, hemorrhage, and infection.

Assess and document fundal height and bladder distension.

Demonstrate the ability to take vital signs and provide episiotomy and breast care.

Assess and document breastfeeding, breast engorgement, perineal infection, lochia, grief, postpartum "blues" and postpartum psychosis.

Perform and document shift assessments.

Administer and document medication administration for mothers and infants.

Neonatal Nursing Clinical

Demonstrate head-to-toe newborn assessment, vital signs, proper holding, feeding, bathing, dressing, and swaddling of a newborn.

Assist with admitting and discharging a newborn to and from the nursery.

Suction a newborn with a bulb syringe.

Administer a vitamin K, Hepatitis B injections, and eye prophylaxis.

Assist MD with circumcision and perform nursing care after circumcision

#### Pediatric Clinical

Implement and document on the EHR the patient's plan of care and state the rationale for the nursing interventions.

Demonstrate ability to communicate and report pertinent observations and inferences to appropriate personnel, i.e. instructor, team leader, etc. promptly and document on the EHR.

Identify and list own values, which may enhance or hinder effective communications with others.

Weigh and measure an infant, toddler and a preschool child, documenting weight, length or height, and head circumference on the EHR.

Take vital signs and document on the EHR on a pediatric patient with accuracy.

Demonstrate initiative in seeking out opportunities to repeatedly perform focused assessments and documentation in the EHR of a pediatric patient.

State the vaccination needs and requirements for the pediatric patient.

Obtain parent consent to administer vaccine to a child.

Prepare, administer and document a childhood immunization.

Verbalize the use of medications, their classification, implications, side effects, and age appropriate needs when administering and documenting medication administration.

Demonstrate the use of six rights of medication administration to the pediatric patient.

Document on the EHR deviations from normal growth and development in the provision of care of the pediatric patient.

Document on the EHR appropriate age and developmental nursing interventions used in the provision of care of the pediatric patient.

List 5 behaviors observed with an autistic child that differs from a normal child.

Identify five treatment modalities for children with chronic illnesses.

Implement infection control measures and follow standard precautions in the provision of care.

Provide diet instruction to a parent on an appropriate diet for an infant less than one year that is breast-feeding and one that is using formula. Document the instruction on the EHR.

Demonstrate appropriate patient care prioritization by stating the patient's priority of needs and plan of care to meet those needs.

Assess and document on the EHR deviations from a normal health assessment (both physical and psychological parameters) of a pediatric patient.

State a nursing diagnosis for each actual or potential problem that has been identified from the patient's health assessment.

List the parameters of vocational nursing practice as defined by the Board of Vocational Nurse and Psychiatric Technicians as it pertains to pediatric patient care.

### 21.6 Hours

Correctly performs Heimlich maneuver and CPR on an infant and a child.

Performs tracheostomy care and suctioning with aseptic technique.

Labor and Delivery Clinical

Assist and/or demonstrate a labor and delivery patient admission, application of external fetal monitor, time uterine contractions/monitor fetal heart rate, assist in pain control during and after labor.

Assist with set-up of delivery table and assist the physician/midwife/nurses during the delivery of an infant.

Assist Circulating nurse in cesarean section birth with performing instrument and sponge counts, patient positioning, Foley catheter insertion, surgical scrub, surgical time out, SCD application, tie gowns of all members of the surgical team and documentation of surgical procedure.

Postpartum Clinical

Assess and document the impending signs of postpartum complications such as uterine rupture, hemorrhage, and infection.

Assess and document fundal height and bladder distension.

Demonstrate the ability to take vital signs and provide episiotomy and breast care.

Assess and document breastfeeding, breast engorgement, perineal infection, lochia, grief, postpartum "blues" and postpartum psychosis.

Perform and document shift assessments.

Administer and document medication administration for mothers and infants.

Demonstrate head-to-toe newborn assessment, vital signs, proper holding, feeding, bathing, dressing, and swaddling of a newborn.

Assist with admitting and discharging a newborn to and from the nursery.

Suction a newborn with a bulb syringe.

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Pediatric Clinical

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Head to toe assessment

Sterile gloving / sterile fields

Wound care

Hospital and Clinic Orientation

Labor and Delivery Clinical

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Administer and document medication administration for mothers and infants.

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**Neonatal Nursing Clinical** 

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21.6 Hours

The student is able to accurately perform and document the following:

Isolation / PPE

Urinary catheterization

Enema administration

Ostomy care

Hospital and Clinic Orientation

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Demonstrate ability to communicate and report pertinent observations and inferences to appropriate personnel, i.e. instructor, team leader, etc. promptly and document on the EHR.

Identify and list own values, which may enhance or hinder effective communications with others.

Weigh and measure an infant, toddler and a preschool child, documenting weight, length or height, and head circumference on the EHR.

Take vital signs and document on the EHR on a pediatric patient with accuracy.

Demonstrate initiative in seeking out opportunities to repeatedly perform focused assessments and documentation in the EHR of a pediatric patient.

State the vaccination needs and requirements for the pediatric patient.

Obtain parent consent to administer vaccine to a child.

Prepare, administer and document a childhood immunization.

Verbalize the use of medications, their classification, implications, side effects, and age appropriate needs when administering and documenting medication administration.

Demonstrate use of six rights of medication administration to the pediatric patient.

Document on the EHR deviations from normal growth and development in provision of care of the pediatric patient.

Document on the EHR appropriate age and developmental nursing interventions used in the provision of care of the pediatric patient.

List 5 behaviors observed with an autistic child that differs from a normal child.

Identify five treatment modalities for children with chronic illnesses.

Implement infection control measures and follow standard precautions in the provision of care.

Provide diet instruction to a parent on an appropriate diet for an infant less than one year that is breast-feeding and one that is using formula. Document the instruction on the EHR.

Demonstrate appropriate patient care prioritization by stating the patient's priority of needs and plan of care to meet those needs.

Assess and document on the EHR deviations from a normal health assessment (both physical and psychological parameters) of a pediatric patient.

State a nursing diagnosis for each actual or potential problem that has been identified from the patient's health assessment.

List the parameters of vocational nursing practice as defined by the Board of Vocational Nurse and Psychiatric Technicians as it pertains to pediatric patient care.

# 21.6 Hours

The student is able to accurately perform and document the following:

Medication administration

Via gastric or NG tube

NG tube insertion

Small bore feeding tube insertion and removal

Tube feedings: bolus, intermittent and continuous

Gastroccult and hemoccult testing

Hospital and Clinic Orientation

Labor and Delivery Clinical

Assist and/or demonstrate a labor and delivery patient admission, application of external fetal monitor, time uterine contractions/monitor fetal heart rate, assist in pain control during and after labor.

Assist with set-up of delivery table and assist the physician/midwife/nurses during the delivery of an infant.

Assist Circulating nurse in cesarean section birth with performing instrument and sponge counts, patient positioning, Foley catheter insertion, surgical scrub, surgical time out, SCD application, tie gowns of all members of the surgical team and documentation of surgical procedure.

Postpartum Clinical

Assess and document the impending signs of postpartum complications such as uterine rupture, hemorrhage, and infection.

Assess and document fundal height and bladder distension.

Demonstrate the ability to take vital signs and provide episiotomy and breast care.

Assess and document breastfeeding, breast engorgement, perineal infection, lochia, grief, postpartum "blues" and postpartum psychosis.

Perform and document shift assessments.

Administer and document medication administration for mothers and infants.

Neonatal Nursing Clinical

Demonstrate head-to-toe newborn assessment, vital signs, proper holding, feeding, bathing, dressing, and swaddling of a newborn.

Assist with admitting and discharging a newborn to and from the nursery.

Suction a newborn with a bulb syringe.

Administer a vitamin K, Hepatitis B injections, and eye prophylaxis.

Assist MD with circumcision and perform nursing care after circumcision

Pediatric Clinical

Implement and document on the EHR the patient plan of care and state the rationale for the nursing interventions.

Demonstrate ability to communicate and report pertinent observations and inferences to appropriate personnel, i.e. instructor, team leader, etc. promptly and document on the EHR.

Identify and list own values, which may enhance or hinder effective communications with others.

Weigh and measure an infant, toddler and a preschool child, documenting weight, length or height, and head circumference on the EHR.

Take vital signs and document on the EHR on a pediatric patient with accuracy.

Demonstrate initiative in seeking out opportunities to repeatedly perform focused assessments and documentation in the EHR of a pediatric patient.

State the vaccination needs and requirements for the pediatric patient.

Obtain parent consent to administer vaccine to a child.

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State a nursing diagnosis for each actual or potential problem that has been identified from the patient's health assessment.

List the parameters of vocational nursing practice as defined by the Board of Vocational Nurse and Psychiatric Technicians as it pertains to pediatric patient care.

### 21.6 Hours

The student is able to accurately perform and document the following:

Head to toe assessment

Tracheostomy care and suctioning

Demonstrate and document an accurate patient shift assessment and note abnormal assessment findings in the assessment.

Obtain and document patient vital signs with accuracy within expected time frames.

Practice delegation of appropriate tasks to the CNA.

Recognize abnormal vital signs and initiate the appropriate actions by notifying the primary nurse and the instructor.

Competently utilize a bedside blood glucose monitor to test the patient's blood glucose levels and interpret the data correctly, and initiate the appropriate actions.

Administer and document oral, parenteral, and topical medications utilizing the 6 rights of medication administration.

Assess, measure and document a wound on the EHR.

Perform and document on the EHR a wet to dry dressing change using aseptic technique.

Perform and document on the EHR a vacuum dressing change.

Demonstrate and document on the EHR competent care for patients needing oxygen, implementing the correct type of mask or nasal cannula, and the correct volumes. Incorporate appropriate nursing interventions, assessments, and safety.

Demonstrate and document on the EHR tracheostomy care and suctioning.

Assess and document patient pain level and utilize pharmacologic and non-pharmacologic measures to keep patients at their accepted level of comfort.

Assess and document condition of IV sites.

Review the patient's orders for IV fluids and rates and report to the instructor and primary nurse any deviations that may occur differing from the current physician orders.

Assess patient's urinary output, document and report any deviations from normal parameters.

Demonstrate respect for patient's culture and religion in delivering nursing care. Instructor will assess student ability based on observations of interactions and client interviews.

#### 21.6 Hours

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

Demonstrate and document an accurate patient shift assessment and note abnormal assessment findings in the assessment.

Obtain and document patient vital signs with accuracy within expected time frames.

Practice delegation of appropriate tasks to the CNA.

Recognize abnormal vital signs and initiate the appropriate actions by notifying the primary nurse and the instructor.

Competently utilize a bedside blood glucose monitor to test the patient's blood glucose levels and interpret the data correctly and initiate the appropriate actions.

Administer and document oral, parenteral, and topical medications utilizing the 6 rights of medication administration.

Assess, measure and document a wound on the EHR.

Perform and document on the EHR a wet to dry dressing change using aseptic technique.

Perform and document on the EHR a vacuum dressing change.

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Assess patient's urinary output, document and report any deviations from normal parameters.

Demonstrate respect for patient's culture and religion in delivering nursing care. Instructor will assess student ability based on observations of interactions and client interviews.

### 21.6 Hours

The student is able to accurately perform and document the following:

Isolation / PPE

Sterile gloving / sterile fields

IV assessment, calculating flow rates, & discontinuing an IV

Wound care

Demonstrate and document an accurate patient shift assessment and note abnormal assessment findings in the assessment.

Obtain and document patient vital signs with accuracy within expected time frames.

Practice delegation of appropriate tasks to the CNA.

Recognize abnormal vital signs and initiate the appropriate actions by notifying the primary nurse and the instructor.

Competently utilize a bedside blood glucose monitor to test the patient's blood glucose levels and interpret the data correctly and initiate the appropriate actions.

Administer and document oral, parenteral, and topical medications utilizing the 6 rights of medication administration.

Assess, measure and document a wound on the EHR.

Perform and document on the EHR a wet to dry dressing change using aseptic technique.

Perform and document on the EHR a vacuum dressing change.

Demonstrate and document on the EHR competent care for patients needing oxygen, implementing the correct type of mask or nasal cannula, and the correct volumes. Incorporate appropriate nursing interventions, assessments, and safety.

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Assess patient's urinary output, document and report any deviations from normal parameters.

Demonstrate respect for patient's culture and religion in delivering nursing care. Instructor will assess student ability based on observations of interactions and client interviews.

#### 21.6 Hours

The student is able to accurately perform and document the following:

Urinary catheterization

Enema administration

Ostomy care

Demonstrate and document an accurate patient shift assessment and note abnormal assessment findings in the assessment.

Obtain and document patient vital signs with accuracy within expected time frames.

Practice delegation of appropriate tasks to the CNA.

Recognize abnormal vital signs and initiate the appropriate actions by notifying the primary nurse and the instructor.

Competently utilize a bedside blood glucose monitor to test the patient's blood glucose levels and interpret the data correctly and initiate the appropriate actions.

Administer and document oral, parenteral, and topical medications utilizing the 6 rights of medication administration.

Assess, measure and document a wound on the EHR.

Perform and document on the EHR a wet to dry dressing change using aseptic technique.

Perform and document on the EHR a vacuum dressing change.

Demonstrate and document on the EHR competent care for patients needing oxygen, implementing the correct type of mask or nasal cannula, and the correct volumes. Incorporate appropriate nursing interventions, assessments, and safety.

Demonstrate and document on the EHR tracheostomy care and suctioning.

Assess and document patient pain level and utilize pharmacologic and non-pharmacologic measures to keep patients at their accepted level of comfort.

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Review the patient's orders for IV fluids and rates and report to the instructor and primary nurse any deviations that may occur differing from the current physician orders.

Assess patient's urinary output, document and report any deviations from normal parameters.

Demonstrate respect for patient's culture and religion in delivering nursing care. Instructor will assess student ability based on observations of interactions and client interviews.

#### 21.6 Hours

The student is able to accurately perform and document the following:

NG tube insertion

Small bore feeding tube insertion and removal

Tube feedings: bolus, intermittent and continuous

Gastroccult and hemoccult testing

Demonstrate and document an accurate patient shift assessment and note abnormal assessment findings in the assessment.

Obtain and document patient vital signs with accuracy within expected time frames.

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Perform and document on the EHR a vacuum dressing change.

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Demonstrate and document on the EHR tracheostomy care and suctioning.

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Assess patient's urinary output, document and report any deviations from normal parameters.

Demonstrate respect for patient's culture and religion in delivering nursing care. Instructor will assess student ability based on observations of interactions and client interviews.

#### 21.6 Hours

Skills testing on three random skills:

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

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.

Provide care for a patient with a respiratory. Cardiac

disorder, musculoskeletal, urinary, neurological, gastrointestinal disorder, liver, gall bladder or pancreatic disease.

Provide care for a patient with hearing or vision problems.

#### 21.6 Hours

Skills testing on three random skills:

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

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Tracheostomy care and suctioning

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Provide care for a patient with a respiratory. Cardiac

disorder, musculoskeletal, urinary, neurological, gastrointestinal disorder, liver, gall bladder or pancreatic disease.

Provide care for a patient with hearing or vision problems.

### **METHODS OF INSTRUCTION:**

Lecture, skills lab and hospital clinical.

# **OUT OF CLASS ASSIGNMENTS:**

Required Outside Hours: 234

Assignment Description: Clinical worksheets are required weekly.

# **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 foundations and skills lab manual, medical surgical, obstetrics, pediatrics and psychiatric nursing for LVN students.

ISBN: 9780323339223

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: 9780323677721

Reading Level of Text, Grade: 12

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

Elsevier,2020.

Pharmacology book for LVN students.

ISBN: 978-0323484374

Reading Level of Text, Grade: 12

# **ARTICULATION and CERTIFICATE INFORMATION**

Associate Degree:

CSU GE:

IGETC:

**CSU TRANSFER:** 

Transferable CSU, effective 202170

UC TRANSFER:

Transferable UC, effective 202170

# **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

Maximum Hours: Minimum Hours:

Course Control Number: CCC000622736 Sports/Physical Education Course: N Taxonomy of Program: 123020