

Nursing Services | One Year Program: Scope & Sequence

Semester 1

NS 101- Nursing Services I

(91 days)

District Pre-Assessment

Health Foundations

(15 days- 12 Classroom, 3 Lab)

- CPR/First Aid
- AHA-CPR AED Certification
- TB and Drug Screening
- Fire Safety
- Math fundamentals for nursing assistants
- Basic medical terminology for nursing assistants
- Basic anatomy for nursing assistants

Technical Standards: 1.3, 2.3, 5.0 - 5.4, 6.1-6.13

Academic Standards: Math 5.NF.B.3

Professional Standards: 8.H, 4.A

CTSO Integration (Leadership Skills): HOSA Orientation

Work-Based Learning: Certification registration

Unit Name: (1) Introduction to Nursing Services

(5 days- 4 Classroom, 1 Lab)

- Intro to the Nursing Assistant role
- Intro to the Registered Nurse role
- CPR/First Aid/Fire/SDS

Technical Standards: 1.3, 2.3, 5.0 - 5.4

Academic Standards: Math 5.NF.B.3

Professional Standards: 8.H, 4.A

CTSO Integration (Leadership Skills): HOSA Orientation

Work-Based Learning: Fire drill, Guest Speakers

AHA-CPR AED Certification

Unit Name: (2) Infection Control

(5 days- 3 Classroom, 2 Lab)

- Medical Asepsis
- Mode of Transmission
- Transmission Precautions
- Immune System
- Centers for Disease Control
- OSHA

Technical Standards: 3.0 - 3.7; 6.2

Academic Standards: Math 5.NF.B.3, ELA 11-12.W.8-9

Professional Standards: 4.D

CTSO Integration (Leadership Skills): HOSA Officer Elections

Work-Based Learning: Scenario Based Simulation, Guest Speakers

HOSA Fall Leadership Conference

Unit Name: (3) Communication

(5 days- 3 Classroom, 2 Lab)

- Verbal/Non-verbal Communication
- Data Collection
- Medical Terminology
- Mental Health
- Sensory deficits

Technical Standards: 1.4, 6.7, 7.1 - 7.4; 16.1-16.3

Academic Standards: Math 5.NF.B.3, ELA 11-12.SL.3

Professional Standards: 1.A - 1.D

CTSO Integration (Leadership Skills): HOSA Officer Training, HOSA Chapter Meeting

Work-Based Learning: Scenario Based Simulation, Guest Speakers

Unit Name: (4) Patient Rights

(10 days- 6 Classroom, 4 Lab)

- Patient/Resident Independence
- Patient/Resident Rights
- HIPAA
- Mandatory Reporting
- Abuse
- Patient Possessions
- Restraints

Technical Standards: 2.3, 2.6 - 2.8, 14.4

Academic Standards: Math 5.NF.B.3, ELA 11-12.W.8-9

Professional Standards: 1.A, 4.A - 4.F, 8.D, 8.E

CTSO Integration (Leadership Skills): HOSA Chapter Meeting, Community Service

Work-Based Learning: Scenario Based Simulation, Guest Speakers

Unit Name: (5) Basic Nursing Assistant Skills

(10 days- 4 Classroom, 6 Lab)

- Vitals
- Nutrition
- Environment
- Diagnostics
- Bandaging
- Admissions/Discharge
- System Disorders: Hypertension; COPD; Cardiac system; Respiratory system

Technical Standards: 6.9; 8.1-8.9; 10.2 10.5; 10.8; 10.9-10.11; 11.1-11.2; 11.4-11.5; 12.3; 13.1-13.12; 14.1-14.4; 15.1-15.2

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA 11-12.RI.10; 11-12.SL.4

Professional Standards: 1.A-1.D; 3.A-3.D; 5.A

CTSO Integration (Leadership Skills): HOSA Chapter Meeting, Community Service

Work-Based Learning: Scenario Based Simulation, Guest Speakers

Unit Name: (6) Perioperative Simulation

(10 days- 6 Classroom, 4 Lab)

- Pre-op care
- Post-op care

Technical Standards: 13.1; 13.7-13.9

Academic Standards: M: 5.NF.B.3; 6.RP.A.3

Professional Standards: 2.A; 2.C; 4.B

CTSO Integration (Leadership Skills): HOSA Chapter Meeting,

Community Service

Work-Based Learning: Scenario Based Simulation, Guest

Speakers

HOSA Regional Online Testing**Unit Name: (7) Personal Care Skills**

(10 days- 4 Classroom, 6 Lab)

- Bathing/Hygiene
- Bedmaking
- Skin Care
- Oral & Denture Care
- Shaving
- Nutrition
- Integumentary System

Technical Standards: 6.4; 9.1-9.13; 11.4-11.6; 11.8; 11.11;

12.1; 12.2; 12.4; 12.5

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA 11-12.SL.4

Professional Standards: A-4.F; 5.A; 6.B

CTSO Integration (Leadership Skills): HOSA Chapter Meeting,

HOSA Fall Conference, Community Service

Work-Based Learning: Scenario Based Simulation, Guest

Speakers

40 Clinical Hours

(5 days- 0 Classroom, 16 Lab)

Unit Name: (8) Restorative Services Skills

(10 days- 4 Classroom, 6 Lab)

- Body Mechanics
- Range of Motion Exercises
- Body Positioning
- Assistive Devices
- Prosthetic & Orthotic Devices
- Falls
- Immobility
- Musculoskeletal System

Technical Standards: 6.5; 4.1-4.12; 10.3

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA

11-12.SL.6; 11-12.W.4

Professional Standards: 4.A, 4.D, 8.C

CTSO Integration (Leadership Skills): HOSA Chapter Meeting,

HOSA Regional Online Testing, Community Service

Work-Based Learning: Scenario Based Simulation, Guest

Speakers

Semester One Final Exam

Semester 2

NS 102- Nursing Services II

(86 days)

Unit Name: (9) Health Care As A Career

(5 days- 3 Classroom, 2 Lab)

- Team Roles
- Healthcare Organizational Structure
- Professionalism/ Time Management
- Environmental Safety
- Roles and Responsibilities

Technical Standards: 1.1-1.4 ; 2.4-2.5

Academic Standards: Math 5.NF.B.3; 6.RP.A.3

Professional Standards: 4.A-4.F ; 5.A-5.E

CTSO Integration (Leadership Skills): HOSA Chapter Meeting,

HOSA Online State Testing

Work-Based Learning: Scenario Based Simulation, Guest

Speakers, Career Research

HOSA State Online Testing

Unit Name: (10) Legal Aspects

(5 days- 3 Classroom, 2 Lab)

- Board Requirements
- Delegation
- Ethics
- Advanced Directives
- NPA Standards
- Restraints

Technical Standards: 1.2-1.3; 2.2, 2.6

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA

11-12.RI.10

Professional Standards: 2.A-2D; 4.A-4.F ; 8A-8I

CTSO Integration (Leadership Skills): HOSA Chapter Meeting

Work-Based Learning: Scenario Based Simulation, Guest

Speakers

Unit Name: (11) Age Specific Mental Health & Social Service Needs

(10 days- 6 Classroom, 4 Lab)

- Aging process
- Sexuality
- Responding to resident behavior
- Cultural Competence
- The dying patient
- Dementia
- Appropriate Response
- Mental Health
- Abuse
- Stress

Technical Standards: 2.8, 6.6; 11.3; 11.9; 16.1-16.7; 17.1-17.4

Academic Standards: Math 5.NF.B.3; 6.RP.A.3

Professional Standards: 6A-6C

CTSO Integration (Leadership Skills): HOSA Chapter Meeting

Work-Based Learning: Scenario Based Simulation, Guest

Speakers

HOSA Regional Conference

Unit Name: (12) Integumentary System (1 week)

(5 days- 3 Classroom, 2 Lab)

- Homeostasis
- Body Systems
- Organs
- Cell Functions
- Anatomical Terms
- Tissues
- Common Diseases & Conditions

Technical Standards: 6.1-6.3; 6.4

Academic Standards: Math 5.NF.B.3; 6.RP.A.3,

ELA 11-12.SL.4; 11-12.SL.6

Professional Standards: 4.A; 4.D; 8.C

CTSO Integration (Leadership Skills): HOSA Chapter Meeting,

Community Service

Work-Based Learning: Scenario Based Simulation, Guest

Speakers

Unit Name: (13) Sensory System

(5 days- 3 Classroom, 2 Lab)

- Cataracts
- Glaucoma
- Macular Degeneration
- Hearing Loss
- Neuropathy

Technical Standards: 6.7

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA

11-12.SL.4; 11-12.SL.6

Professional Standards: 4.A; 4.D; 8.C

CTSO Integration (Leadership Skills): HOSA Chapter Meeting,

Community Service

Work-Based Learning: Scenario Based Simulation, Guest

Speakers

Unit Name: (14) Musculoskeletal System

(5 days- 3 Classroom, 2 Lab)

- Arthritis
- Osteoporosis
- Fractures
- Amputations
- Muscle Atrophy
- Joint Replacement
- Falls

Technical Standards: 6.5, 11.3

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA

11-12.SL.4; 11-12.SL.6

Professional Standards: 4.A; 4.D; 8.C

CTSO Integration (Leadership Skills): HOSA Chapter Meeting

Work-Based Learning: Scenario Based Simulation, Guest

Speakers

Unit Name: (15) Neurological System

(5 days- 3 Classroom, 2 Lab)

- Cerebral Vascular Accident and Transient Ischemic Attack
- Parkinson's Disease
- Dementia
- Alzheimer's
- Spinal Cord Injury
- Head Injury
- Seizures
- Multiple Sclerosis
- Falls
- Environmental Safety

Technical Standards: 6.6, 6.7, 12.0

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA

11-12.SL.4; 11-12.SL.6

Professional Standards: 4.A; 4.D; 8.C

CTSO Integration (Leadership Skills): HOSA Chapter Meeting

Work-Based Learning: Scenario Based Simulation, Guest Speakers

Unit Name: (16) Circulatory System

(5 days- 3 Classroom, 2 Lab)

- Angina
- Myocardial Infarction
- Coronary Artery Disease
- Congestive Heart Failure
- Hypertension

Technical Standards: 6.8, 11.3

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA

11-12.SL.4; 11-12.SL.6

Professional Standards: 4.A; 4.D; 8.C

CTSO Integration (Leadership Skills): HOSA Chapter Meeting, Community Service

Work-Based Learning: Scenario Based Simulation, Guest Speakers

HOSA State Leadership Conference**Unit Name: (17) Respiratory System**

(5 days- 3 Classroom, 2 Lab)

- COPD (Emphysema, Bronchitis)
- Asthma
- Tuberculosis
- Oxygen Therapy

Technical Standards: 6.9

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA

11-12.SL.4; 11-12.SL.6

Professional Standards: 4.A; 4.D; 8.C

CTSO Integration (Leadership Skills): HOSA Chapter Meeting, HOSA State Conference

Work-Based Learning: Scenario Based Simulation, Guest Speakers

Unit Name: (18) Gastrointestinal System

(5 days- 3 Classroom, 2 Lab)

- Fecal Impaction
- GERD
- Ulcers and Hernias
- Diverticulitis
- Colon Cancer
- Crohn's, Celiac, and Gallbladder Disease
- Ostomy
- Diarrhea, Constipation, and Vomiting
- Specific diets

Technical Standards: 6.10, 11.3

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA

11-12.SL.4; 11-12.SL.6

Professional Standards: 4.A; 4.D; 8.C

CTSO Integration (Leadership Skills): HOSA Chapter Meeting, Community Service

Work-Based Learning: Scenario Based Simulation, Guest Speakers

Unit Name: (19) Genitourinary & Reproductive Systems

(5 days- 3 Classroom, 2 Lab)

- Renal failure
- Urinary Tract Infection
- Incontinence
- Kidney Stones
- BPH
- Prolapsed Uterus
- Cancer
- Endometriosis
- STI

Technical Standards: 6.11, 6.13, 12.0

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA

11-12.SL.4; 11-12.SL.6

Professional Standards: 4.A; 4.D; 8.C

CTSO Integration (Leadership Skills): HOSA Chapter Meeting, Community Service

Work-Based Learning: Scenario Based Simulation, Guest Speakers

Unit Name: (20) Endocrine System

(5 days- 3 Classroom, 2 Lab)

- Type 1 Diabetes Mellitus
- Type 2 Diabetes Mellitus
- Thyroid disease

Technical Standards: 6.12, 12.0

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA

11-12.SL.4; 11-12.SL.6

Professional Standards: 4.A; 4.D; 8.C

CTSO Integration (Leadership Skills): HOSA Chapter Meeting, Community Service

Work-Based Learning: Scenario Based Simulation, Guest Speakers

Unit Name: (21) Certification Review

(15 days- 2 Classroom, 13 Lab)

- Skills Lab Practice
- Simulated Lab Experiences
- Exam Review

Technical Standards: 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, 17.0

Academic Standards: Math 5.NF.B.3; 6.RP.A.3, ELA

11-12.SL.4; 11-12.SL.6

Professional Standards: 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0

CTSO Integration (Leadership Skills): HOSA Chapter Meeting, HOSA Awards Banquet, HOSA National Conference Prep

Work-Based Learning: Scenario Based Simulation, Guest Speakers

HOSA International Leadership Conference**District Post-Assessment****CNA Industry Certification Exam****ADE Skill Standards Assessment**