

Nursing Services | One Year Program: Scope & Sequence

Semester 1

NS 101- Nursing Services I

(93 days)

District Pre-Assessment

Health Foundations

- 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

15 days- 12 Classroom, 3 Lab

30 Class Hours, 7.5 Lab Hours

Unit Name: (1) Introduction to Nursing Services

- Intro to the Nursing Assistant role
 - Intro to the Registered Nurse role
 - Career Research
- 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

5 days- 4 Classroom, 1 Lab

10 Class Hours, 2.5 Lab Hours

AHA-CPR AED Certification

Unit Name: (2) Infection Control

- 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

5 days- 3 Classroom, 2 Lab

7.5 Class Hours, 5 Lab Hours

HOSA Fall Leadership Conference

Unit Name: (3) Communication

- 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

5 days- 3 Classroom, 2 Lab

7.5 Class Hours, 5 Lab Hours

Unit Name: (4) Patient Rights

- 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

10 days- 6 Classroom, 4 Lab

15 Class Hours, 10 Lab Hours

Unit Name: (5) Basic Nursing Assistant Skills

- 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
14 days- 4 Classroom, 10 Lab
10 Class Hours, 25 Lab Hours

Unit Name: (6) Perioperative Simulation

- 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
10 days- 6 Classroom, 4 Lab
15 Class Hours, 10 Lab Hours

HOSA Regional Online Testing

Unit Name: (7) Personal Care Skills

- 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.SI.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
10 days- 4 Classroom, 6 Lab
10 Class Hours, 15 Lab Hours

40 Clinical Hours (Saturdays)
40 Lab Hours

Unit Name: (8) Restorative Services Skills

- 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
10 days- 4 Classroom, 6 Lab
10 Class Hours, 15 Lab Hours

Unit Name: (9) Health Care As A Career

- 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
5 days- 3 Classroom, 2 Lab
7.5 Class Hours, 5 Lab Hours

Unit Name: (10) Legal Aspects

- 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
5 days- 3 Classroom, 2 Lab
7.5 Class Hours, 5 Lab Hours

Semester Final Exam

Semester 2

NS 102- Nursing Services II

(89 days)

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

- 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

10 days- 6 Classroom, 4 Lab

15 Class Hours, 10 Lab Hours

HOSA State Online Testing

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

- 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

5 days- 3 Classroom, 2 Lab

7.5 Class Hours, 5 Lab Hours

HOSA Regional Conference

Unit Name: (13) Sensory System

- 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

5 days- 3 Classroom, 2 Lab

7.5 Class Hours, 5 Lab Hours

Unit Name: (14) Musculoskeletal System

- 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

5 days- 3 Classroom, 2 Lab

7.5 Class Hours, 5 Lab Hours

Unit Name: (15) Neurological System

- 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

5 days- 3 Classroom, 2 Lab

7.5 Class Hours, 5 Lab Hours

Unit Name: (16) Circulatory System

- 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

5 days- 3 Classroom, 2 Lab

7.5 Class Hours, 5 Lab Hours

HOSA State Leadership Conference

Unit Name: (17) Respiratory System

- 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

5 days- 3 Classroom, 2 Lab

7.5 Class Hours, 5 Lab Hours

Unit Name: (18) Gastrointestinal System

- 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

5 days- 3 Classroom, 2 Lab

7.5 Class Hours, 5 Lab Hours

Unit Name: (19) Genitourinary & Reproductive Systems

- 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

5 days- 3 Classroom, 2 Lab

7.5 Class Hours, 5 Lab Hours

Unit Name: (20) Endocrine System

- 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, Work-Based Learning: Scenario Based Simulation, Guest Speakers

Work-Based Learning: Scenario Based Simulation, Guest Speakers

5 days- 3 Classroom, 2 Lab

7.5 Class Hours, 5 Lab Hours

Unit Name: (21) Certification Review

- 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

30 days- 10 Classroom, 20 Lab

25 Class Hours, 50 Lab Hours

HOSA International Leadership Conference

District Post-Assessment

CNA Industry Certification Exam

ADE Skill Standards Assessment