

Topics To Review

Reporting of Incident/Event/Irregular Occurrence/Variance (1 item)

Facility Protocols: Reporting a Medication Error (Active Learning Template - Basic Concept)

Health Promotion and Maintenance (4 items)

Health Promotion/Disease Prevention (3 items)

Communicable Diseases: Immunization Recommendations for a 2-Month-Old Infant (Active Learning Template - Growth and Development)

Complementary and Alternative Therapies: Providing Teaching to a Group of Clients (Active Learning Template - Basic Concept)

Epidemiology and Communicable Diseases: Teaching a Group of Older Adults About Immunizations (Active Learning Template - Growth and Development)

Lifestyle Choices (1 item)

Older Adults (65 Years and Older): Assessing a Client for Social Isolation (Active Learning Template - Basic Concept)

Psychosocial Integrity (1 item)

Chemical and Other Dependencies/Substance Use Disorder (1 item)

Substance Use Disorders: Actions for Acute Alcohol Toxicity (Active Learning Template - Therapeutic Procedure)

Basic Care and Comfort (3 items)

Nutrition and Oral Hydration (3 items)

Gastrointestinal Disorders: Dietary Recommendations for a Preschooler Who Has Celiac Disease (Active Learning Template - Basic Concept)

Gastrointestinal Disorders: Evaluating Client Understanding of Dietary Restrictions for GERD (Active Learning Template - System Disorder)

Modified Diets: Selecting Foods for a Client Who Has Dysphagia (Active Learning Template - System Disorder)

Pharmacological and Parenteral Therapies (5 items)

Adverse Effects/Contraindications/Side Effects/Interactions (2 items)

Endocrine Disorders: Teaching About Adverse Effects of Levothyroxine (Active Learning Template - Medication)

Psychotic Disorders: Priority Finding to Report for a Client Who Is Taking Risperidone (Active Learning Template - Medication)

Medication Administration (3 items)

Antibiotics Affecting Protein Synthesis: Providing Client Education About Tetracycline (Active Learning Template - Medication)

Diabetes Mellitus: Mixing Insulins in the Same Syringe (Active Learning Template - Nursing Skill)

Medications for Psychotic Disorders: Finding to Report Prior to Administering Clozapine (Active Learning Template - Medication)

Reduction of Risk Potential (4 items)

Potential for Alterations in Body Systems (1 item)

Hematologic Disorders: Interpreting Laboratory Data (Active Learning Template - System Disorder)

Potential for Complications of Diagnostic Tests/Treatments/Procedures (1 item)

Brain Stimulation Therapies: Teaching About Electroconvulsive Therapy (Active Learning Template - Therapeutic Procedure)

System-Specific Assessments (1 item)

Diabetes Mellitus Management: Manifestations of Hypoglycemia (Active Learning Template - System Disorder)

Therapeutic Procedures (1 item)

Disorders of the Eye: Evaluating a Client's Understanding of Cataract Removal (Active Learning Template - Therapeutic Procedure)

Physiological Adaptation (5 items)

Alterations in Body Systems (4 items)

Chest Tube Insertion and Monitoring: Caring for Client Who Has a Chest Tube (Active Learning Template - Therapeutic Procedure)

Disorders of Reproductive Tissue: Caring for a Client Following Transurethral Resection of the Prostate (Active Learning Template - Therapeutic Procedure)

Topics To Review

Postpartum Disorders: Interventions for a Client Who Has Deep-Vein Thrombosis (Active Learning Template - System Disorder)

Seizures and Epilepsy: Caring for a Client Following a Seizure (Active Learning Template - System Disorder)

Pathophysiology (1 item)

Esophageal Disorders: Manifestations of a Sliding Hiatal Hernia (Active Learning Template - System Disorder)

Clinical Judgment (10 items)

Analyze Cues (2 items)

Complications Related to the Labor Process: Identifying Findings Consistent with Chorioamnionitis or Preeclampsia (Active Learning Template - System Disorder)

Depressive Disorders: Teaching a Client About Amitriptyline (Active Learning Template - Medication)

Prioritize Hypotheses (1 item)

Complications Related to the Labor Process: Priority Findings to Report to the Provider (Active Learning Template - Basic Concept)

Generate Solutions (2 items)

Anesthesia and Moderate Sedation: Responding to a Client Who Is in the Emergency Department (Active Learning Template - Medication)

Complications Related to the Labor Process: Identifying Interventions as Anticipated or Contraindicated (Active Learning Template - Basic Concept)

Recognize Cues (1 item)

Complications Related to the Labor Process: Findings that Require Immediate Follow-Up (Active Learning Template - Basic Concept)

Take Actions (2 items)

Fetal Assessment During Labor: Interventions for Recurrent Variable Decelerations (Active Learning Template - System Disorder)

Pain Management: Nursing Interventions for a Client Following Administration of an Epidural (Active Learning Template - Therapeutic Procedure)

Evaluate Outcomes (2 items)

Fetal Assessment During Labor: Evaluating Effectiveness of Interventions (Active Learning Template - Basic Concept)

Substance Use and Addictive Disorders: Identifying Manifestations of a Client (Active Learning Template - System Disorder)

Outcomes

Nursing Process	No of Points	Individual Score	Description
RN Assessment	11	54.5%	The assessment step of the nursing process involves application of nursing knowledge to the collection, organization, validation and documentation of data about a client's health status. The nurse focuses on the client's response to a specific health problem including the client's health beliefs and practices. The nurse thinks critically to perform a comprehensive assessment of subjective and objective information. Nurses must have excellent communication and assessment skills in order to plan client care.
RN Analysis/Diagnosis	21	61.9%	The analysis step of the nursing process involves the nurse's ability to analyze assessment data to identify health problems/risks and a client's needs for health intervention. The nurse identifies patterns or trends, compares the data with expected standards or reference ranges and draws conclusions to direct nursing care. The nurse then frames nursing diagnoses in order to direct client care.
RN Planning	12	58.3%	The planning step of the nursing process involves the nurse's ability to make decisions and problem solve. The nurse uses a client's assessment data and nursing diagnoses to develop measurable client goals/outcomes and identify nursing interventions. The nurse uses evidenced based practice to set client goals, establish priorities of care, and identify nursing interventions to assist the client to achieve his goals.
RN Implementation/Therapeutic Nursing Intervention	45	44.4%	The implementation step of the nursing process involves the nurse's ability to apply nursing knowledge to implement interventions to assist a client to promote, maintain, or restore his health. The nurse uses problem-solving skills, clinical judgment, and critical thinking when using interpersonal and technical skills to provide client care. During this step the nurse will also delegate and supervise care and document the care and the client's response.
RN Evaluation	14	57.1%	The evaluation step of the nursing process involves the nurse's ability to evaluate a client's response to nursing interventions and to reach a nursing judgment regarding the extent to which the client has met the goals and outcomes. During this step the nurse will also assess client/staff understanding of instruction, the effectiveness of interventions, and identify the need for further intervention or the need to alter the plan.

Priority Setting in Nursing	No of Points	Individual Score	Description
	8	62.5%	Ability to demonstrate nursing judgment in making decisions about priority responses to a client problem. Also includes establishing priorities regarding the sequence of care to be provided to multiple clients.

Thinking Skills	No of Points	Individual Score	Description
Foundational Thinking	5	60.0%	The ability to comprehend information and concepts. Incorporates Blooms Taxonomy categories of Remembering and Understanding.
Clinical Application	59	54.2%	The ability to apply nursing knowledge to a clinical situation. Incorporates Blooms Taxonomy category of Applying.
Clinical Judgment	39	48.7%	The ability to analyze and interpret elements of a clinical situation to make a decision and respond appropriately. Incorporates Blooms Taxonomy categories of Analyzing and Evaluating.

NCLEX®	No of Points	Individual Score	Description
RN Management of Care	11	72.7%	The nurse coordinates, supervises and/or collaborates with members of the health care to provide an environment that is cost-effective and safe for clients.
RN Safety and Infection Control	9	55.6%	The nurse uses preventive safety measures to promote the health and well-being of clients, significant others, and members of the health care team.
RN Health Promotion and Maintenance	6	33.3%	The nurse directs nursing care to promote prevention and detection of illness and support optimal health.
RN Psychosocial Integrity	5	80.0%	The nurse directs nursing care to promote and support the emotional, mental and social well-being of clients and significant others.
RN Basic Care and Comfort	5	40.0%	The nurse provides nursing care to promote comfort and assist client to perform activities of daily living.
RN Pharmacological and Parenteral Therapies	11	54.5%	The nurse administers, monitors and evaluates pharmacological and parenteral therapy.
RN Reduction of Risk Potential	8	50.0%	The nurse directs nursing care to decrease clients' risk of developing complications from existing health disorders, treatments or procedures.
RN Physiological Adaptation	9	44.4%	The nurse manages and provides nursing care for clients with an acute, chronic or life threatening illness.

Clinical Areas	No of Points	Individual Score	Description
Fundamentals	7	42.9%	Ability to apply fundamental nursing principles and skills to basic needs of clients. Topics include foundational client care concepts (ie: medical and surgical asepsis, infection control, physical assessment, therapeutic communication, medication administration, pain management integral to the delivery of safe, ethical, and legal nursing practice.
Adult Medical-Surgical	19	57.9%	Ability to apply medical-surgical nursing knowledge to clinical problems experienced by adults. Topics include care of clients with cardiovascular, hematologic, gastrointestinal, neurosensory, endocrine, fluid and electrolyte, integumentary, lymph/immune/infectious, renal and urinary, musculoskeletal, reproductive, and respiratory disorders as well as topics relevant to perioperative nursing care and emergency care/triage.
Maternal Newborn	32	50.0%	Ability to apply nursing knowledge to perinatal nursing care. Topics include antepartum, intrapartum, and postpartum nursing care as well as care of the newborn.
Mental Health	17	52.9%	Ability to apply nursing knowledge to the care of clients with mental health disorders. Topics include foundational mental health concepts (e.g., therapeutic communication, therapeutic milieu, legal/ethical issues), care of clients experiencing psychobiologic disorders or psychiatric emergencies, and care of clients receiving traditional nonpharmacological and psychopharmacological therapies.
Pediatric Nursing	12	75.0%	Ability to apply nursing knowledge to clinical problems experienced by children. Topics include basic concepts (e.g., medication administration, physical assessment, nutritional needs), care of children with various system disorders, care of children experiencing pediatric emergencies (e.g., accidental poisoning, respiratory arrest), and care of children with psychosocial disorders.
Leadership	4	50.0%	Ability to manage the care of a caseload of clients and nursing care team while using principles of management and supervision. Topics include leadership skills (ie: interdisciplinary collaboration, advocacy, prioritization, delegation), performance improvement, continuity of client care, and principles of case management while ensuring safe client care and efficient utilization of human and material resources.
Community Health	4	25.0%	Ability to apply concepts related to public and community health. Topics include primary, secondary, and tertiary interventions, health screening, health related education, home health and injury prevention, disaster planning, and cultural diversity.
Pharmacology	6	50.0%	Ability to apply concepts related to the pharmacodynamics and pharmacotherapeutics of commonly prescribed medications for clients with physical and mental health disorders. Topics include principles of medication administration and dosage calculation, side/adverse effects, drug/food interactions, contraindications, and nursing implications integral to the safe administration of medications to clients across the lifespan.
Nutrition	2	0.0%	Ability to apply nursing knowledge to normal nutrition and diet therapy. Topics include the collection of data regarding nutritional status; implementation of actions to promote normal nutrition or dietary modification in response to illness; and evaluation of the client's response to diet therapy.

QSEN	No of Points	Individual Score	Description
Safety	31	54.8%	The minimization of risk factors that could cause injury or harm while promoting quality care and maintaining a secure environment for clients, self, and others.
Patient-Centered Care	11	45.5%	The provision of caring and compassionate, culturally sensitive care that is based on a patient's physiological, psychological, sociological, spiritual, and cultural needs, preferences, and values.
Evidence Based Practice	58	51.7%	The use of current knowledge from research and other credible sources to make clinical judgments and provide client-centered care.
Informatics	1	100.0%	The use of information technology as a communication and information gathering tool that supports clinical decision making and safe, scientifically based nursing practice.
Quality Improvement	1	0.0%	Care-related and organizational processes that involve the development and implementation of a plan to improve health care services and better meet the needs of clients.
Teamwork and Collaboration	1	100.0%	The delivery of client care in partnership with multidisciplinary members of the health care team, to achieve continuity of care and positive client outcomes.

NLN Competency	No of Points	Individual Score	Description
Human Flourishing	8	25.0%	Human flourishing is reflected in patient care that demonstrates respect for diversity, approaches patients in a holistic and patient-centered manner, and uses advocacy to enhance their health and well-being.
Nursing Judgment	84	52.4%	Nursing judgment involves the use of critical thinking and decision making skills when making clinical judgments that promote safe, quality patient care.
Professional Identity	8	75.0%	Professional identity reflects the professional development of the nurse as a member and leader of the health care team who promotes relationship-centered care, and whose practice reflects integrity and caring while following ethical and legal guidelines.
Spirit of Inquiry	3	66.7%	A spirit of inquiry is exhibited by nurses who provide evidence based clinical nursing practice and use evidence to promote change and excellence.

BSN Essentials	No of Points	Individual Score	Description
Liberal Education for Baccalaureate Generalist Nursing Practice	4	75.0%	The need for an education that exposes nurses to multiple fields of study providing the foundation for a global perspective of society as well as high level thinking and acquisition of skills that can be applied to complex patient and system-based problems.
Basic Organization and Systems Leadership for Quality Care and Patient Safety	2	50.0%	The need for nurses to be able to understand power relationships and use decision-making and leadership skills to promote safe practice and quality improvement within health care systems.
Scholarship for Evidence-Based Practice	56	50.0%	The need for nurses to be able to understand the research process and base practice and clinical judgments upon fact-based evidence to enhance patient outcomes.
Interprofessional Communication and Collaboration	1	100.0%	The need for nurses to be able to function as a member of the healthcare team while promoting an environment that supports interprofessional communication and collaboration with the goal of providing patient-centered care.
Clinical Prevention and Population Health	26	50.0%	The need for nurses to be able to identify health related risk factors and facilitate behaviors that support health promotion, and disease and injury prevention, while providing population-focused care that is based on principles of epidemiology and promotes social justice.
Professionalism and Professional Values	2	50.0%	The need for nurses to be able to practice nursing in a professional manner while providing patient-centered care that is caring, respects diversity, and is governed by legal and ethical tenets.
Baccalaureate Generalist Nursing Practice	12	58.3%	The need for nurses to be able to practice as a generalist using clinical reasoning to provide care to patients across the lifespan and healthcare continuum and to individuals, families, groups, communities, and populations.

Clinical Judgment	No of Points	Individual Score	Description
Recognize Cues	2	50.0%	Filter information from different sources (i.e., signs, symptoms, health history, environment). Identify relevant information related to the client's condition. Use knowledge, experience and evidence to assess clients. Use verbal, nonverbal, written, and electronic modes of communication. Recognize relevant subjective/objective client data. Identify subtle and apparent changes in client condition and related factors.
Analyze Cues	9	44.4%	Link recognized cues to a client's clinical presentation and establishing probable client needs, concerns, or problems. Compare client findings to evidence-based resources and standards of care. Analyze expected and unexpected findings in health data. Anticipate illness/injury and wellness progression. Identify client problems and related health alterations. Analyze client needs. Identify potential complications. Identify how pathophysiology relates to clinical presentation. Identify data that is of immediate concern.
Prioritize Hypotheses	2	50.0%	Establish priorities of care based on the client's health problems (i.e. environmental factors, risk assessment, urgency, signs/ symptoms, diagnostic test, lab values, etc.). Organize client assessment information according to changes, patterns and trends. Use standards of care and empirical frameworks for priority setting. Establish and prioritize client problems/needs based on the analysis of information and factors.

Generate Solutions	7	57.1%	<p>Identify expected outcomes and related nursing interventions to ensure clients' needs are met.</p> <p>Collaborate with members of the interprofessional healthcare team to establish client outcomes and the plan of care.</p> <p>Collaborate with client and care partners to establish client outcomes and the plan of care.</p> <p>Identify optimal client outcomes based on information and factors.</p> <p>Identify evidence-based nursing actions to effectively address the clinical situation of the client's health problem.</p> <p>Prioritize plan of care to achieve optimal client outcomes.</p> <p>Prioritize nursing care when caring for multiple clients.</p> <p>Re-prioritize nursing actions as the client's condition changes.</p> <p>Modify a plan of care to assure achievement of optimal client outcomes when indicated.</p> <p>Determine the potential impact of selected interventions.</p>
Take Actions	10	30.0%	<p>Implement appropriate interventions based on nursing knowledge, priorities of care, and planned outcomes to promote, maintain, or restore a client's health.</p> <p>Promptly and accurately perform nursing actions based on prioritized client problems.</p> <p>Implement a plan of care in collaboration with members of the interprofessional health care team.</p> <p>Implement a plan of care in collaboration with the client and care partners.</p> <p>Accurately document client care data and information.</p> <p>Incorporate client preferences and needs when performing nursing actions.</p> <p>Provide education to the client and/or care partner(s) regarding their health condition and care management.</p> <p>Participate in coordination of care with the client and healthcare team.</p> <p>Monitor the client's response to interventions.</p>
Evaluate Outcomes	9	66.7%	<p>Evaluate a client's response to nursing interventions and reach a nursing judgment regarding the extent to which outcomes have been met.</p> <p>Reassess client condition to determine achievement of expected outcomes.</p> <p>Evaluate efficacy of nursing actions determine if client outcomes were met.</p> <p>Modify client outcomes and/or nursing actions based on the client's response and clinical findings when indicated.</p> <p>Update and revise the plan of care.</p>

AACN Essentials	No of Points	Individual Score	Description
Knowledge for Nursing Practice	10	50.0%	Integration, translation, and application of established and evolving disciplinary nursing knowledge and ways of knowing, as well as knowledge from other disciplines, including a foundation in liberal arts and natural and social sciences. This distinguishes the practice of professional nursing and forms the basis for clinical judgment and innovation in nursing practice.
Person-Centered Care	49	55.1%	Person-centered care focuses on the individual within multiple complicated contexts, including family and/or important others. Person-centered care is holistic, individualized, just, respectful, compassionate, coordinated, evidence-based, and developmentally appropriate. Person-centered care builds on a scientific body of knowledge that guides nursing practice regardless of specialty or functional area.
Population Health	4	25.0%	Population health spans the healthcare delivery continuum from public health prevention to disease management of populations and describes collaborative activities with both traditional and non-traditional partnerships from affected communities, public health, industry, academia, health care, local government entities, and others for the improvement of equitable population health outcomes.
Scholarship for the Nursing Discipline	35	51.4%	The generation, synthesis, translation, application, and dissemination of nursing knowledge to improve health and transform health care.
Quality and Safety	1	0.0%	Employment of established and emerging principles of safety and improvement science. Quality and safety, as core values of nursing practice, enhance quality and minimize risk of harm to patients and providers through both system effectiveness and individual performance.
Professionalism	3	66.7%	Formation and cultivation of a sustainable professional identity, including accountability, perspective, collaborative disposition, and comportment, that reflects nursing's characteristics and values.
Personal, Professional, and Leadership Development	1	100.0%	Participation in activities and self-reflection that fosters personal health, resilience, and well-being; contributes to lifelong learning; and supports the acquisition of nursing expertise and the assertion of leadership.

Score Explanation and Interpretation

Individual Performance Profile

ADJUSTED INDIVIDUAL TOTAL SCORE

To adjust for possible differences in difficulty among the forms of this assessment, the raw score (the total number of points received) is converted to an adjusted raw score through a standard process known as equating. The adjusted individual total score is a function of the adjusted raw score divided by the total number of points possible on the assessment.

$$\frac{\text{Adjusted raw score}}{\text{Total number of points possible}} \times 100$$

The adjusted individual total score is on a scale of 0% to 100% and is incremented in units of 0.1%. For example, if a student received 74 points (raw score) and an adjusted raw score of 75.1248 on a test that has 81 total points possible, then the adjusted individual total score is equal to 92.7%:

$$\frac{75.1248}{81} \times 100 = 92.7\%$$

The adjusted raw score is a decimal number because the NGN assessment requires a high precision of measurement.

ITEM SCORING

ATI follows NCSBN guidance for item scoring. Accordingly, each item is worth one or more points. Depending on the item-specific scoring method, a student's response may earn full, partial, or no points.

TOTAL NUMBER OF POINTS POSSIBLE

The total number of points possible is the sum of the number of points possible of all scored items and is greater than the total number of scored items on the assessment. The total number of points possible may vary across assessment versions.

PRETEST ITEMS

There are 10 unscored and 75 scored questions throughout the assessment. The unscored questions are used for research purposes.

SUBSCALE SCORES

The subscale scores appear in bold on the score report. These raw scores are not equated scores and should not be compared to other subscale scores or across administrations. These scores are intended to help students identify where their understanding of the content may be lacking and therefore what content areas they may want to target for further study. The subscale scores are on a scale of 0% to 100%.

TOPICS TO REVIEW

Based on the questions missed on this assessment, a listing of content areas and topics to review is provided. A variety of learning resources may be used in the review process, including ATI focused RN reviews, ATI's Content Mastery Series® Review Modules, and any additional information provided in the ATI RN Capstone course.

ATI RN CAPSTONE CONVERSION TABLE

The table below has all possible adjusted individual total scores that a student may be assigned on an ATI RN Capstone Content Review pretest or posttest. Additionally, corresponding estimated RN Comprehensive Predictor percentile ranks are provided. This table shows the expected percentile rank on the RN Comprehensive Predictor within which a student is likely to score given the student's adjusted individual total scores on an ATI RN Capstone test.

For example, if a student's score on the ATI RN Capstone pretest is 70.7%, this student is likely to score a percentile rank of 43 on the RN Comprehensive Predictor exam. If a student's score on the ATI RN Capstone posttest is 77.3%, this student is likely to score a percentile rank of 74 on the RN Comprehensive Predictor exam.

ATI RN Capstone Pre/Post Adjusted Individual Total Score	Estimated RN Comprehensive Predictor Percentile Rank	ATI RN Capstone Pre/Post Adjusted Individual Total Score	Estimated RN Comprehensive Predictor Percentile Rank	ATI RN Capstone Pre/Post Adjusted Individual Total Score	Estimated RN Comprehensive Predictor Percentile Rank
0.0% - 52.6%	1	66.0% - 66.6%	24	77.3% - 77.9%	74
52.7% - 54.6%	2	66.7% - 67.2%	26	78.0% - 78.6%	76
54.7% - 55.9%	3	67.3% - 67.9%	29	78.7% - 79.2%	79
56.0% - 56.6%	4	68.0% - 68.6%	31	79.3% - 79.9%	81
56.7% - 57.9%	5	68.7% - 69.2%	34	80.0% - 80.6%	84
58.0% - 58.6%	6	69.3% - 69.9%	37	80.7% - 81.2%	86
58.7% - 59.2%	7	70.0% - 70.6%	40	81.3% - 81.9%	88
59.3% - 59.9%	8	70.7% - 71.2%	43	82.0% - 82.6%	90
60.0% - 60.6%	9	71.3% - 71.9%	46	82.7% - 83.2%	91
60.7% - 61.2%	10	72.0% - 72.6%	49	83.3% - 83.9%	93
61.3% - 61.9%	11	72.7% - 73.2%	52	84.0% - 84.6%	94
62.0% - 62.6%	13	73.3% - 73.9%	55	84.7% - 85.2%	95
62.7% - 63.2%	14	74.0% - 74.6%	58	85.3% - 85.9%	96
63.3% - 63.9%	16	74.7% - 75.2%	62	86.0% - 87.2%	97
64.0% - 64.6%	18	75.3% - 75.9%	65	87.3% - 88.6%	98
64.7% - 65.2%	20	76.0% - 76.6%	68	88.7% - 100.0%	99
65.3% - 65.9%	22	76.7% - 77.2%	71		