

**Middle Tennessee State University  
School of Nursing**

**NCLEX Success Plan using Assessment Technologies Institute, LLC (ATI)**

**Overview:**

The School of Nursing has partnered with Assessment Technologies Institute, LLC. (ATI) to provide assessment resources and a comprehensive content review preparing students for taking the National Council Licensure Examination (NCLEX). ATI resources are implemented according to purpose, level of difficulty and timing of the NCLEX exam. All students in the NURS 4590 Capstone Clinical course will be enrolled in the Capstone Content and NCLEX Review resources.

The content review process and NCLEX preparation will occur in three phases:

1. Capstone Content Review with Assessments
2. Virtual NCLEX Review (VATI)
3. Three-day onsite NCLEX Review

**PHASE 1: Capstone Content Review with Assessments**

The Capstone Content Review is completed prior to the Virtual NCLEX review and is designed to assess a student's knowledge of foundational nursing concepts, provide a review of same, assist in remediation, and reassess comprehension of basic nursing concepts.

An ATI nurse educator guides students through the focused review, assessment activities, and remediation for seven content modules using the "prepare, test, improve" method and according to a pre-determined calendar. On average, 4 to 6 hours per week is spent completing the Capstone Content Review, depending on the student's level of proficiency. The content modules and weekly schedule is:

|        |                                      |
|--------|--------------------------------------|
| Week 1 | Fundamentals                         |
| Week 2 | Pharmacology/Pharmacology II         |
| Week 3 | Medical Surgical/Medical Surgical II |
| Week 4 | Maternal Newborn                     |
| Week 5 | Nursing Care of Children             |
| Week 6 | Mental Health                        |
| Week 7 | Leadership/Community Health          |

Content modules open on Thursday each week. All content assessments are to be completed by Tuesday of the following week and **assignments are due each week on Sunday at 11:30 PM.** An assignment alert inside each review module occurs 24 hours prior to the assignment due date. Individualized feedback will be provided to students by the ATI nurse educator weekly within 24 hours of submitting assignments, excluding weekends and holidays.

*Capstone Content Review Comprehensive Assessments*

Capstone Content Comprehensive Assessments A and B are based on the NCLEX Client Needs categories and are given as a pre-test/post-test metric. Capstone Comprehensive Assessment A is taken prior to completing the Capstone Content Review, and Capstone Comprehensive Assessment B is taken after completing the content review before beginning the Virtual ATI NCLEX Review (VATI). All remediation, which is determined/assigned based on these assessments, must be completed. Medical Surgical and Pharmacology have two assessments due to the amount of content in these areas.

Content areas on the Comprehensive Assessments include:

- Fundamentals
- Pharmacology
- Medical Surgical
- Maternal Newborn Care
- Mental Health
- Pediatrics
- Nutrition
- Leadership
- Community Health

*Capstone Content Review Grading*

The Capstone Content Review weekly assignments are evaluated (graded) by the ATI nurse educator with points assigned based on completion of the assignments for each content area. The weekly points allocation for each assignment is based on the following rubric.

**Capstone Content Review Completion Rubric**

| Capstone Content Review Assignments                        |  |
|--|--|
| Assignment   | Points per week                                  |
| Pre-Content Assessment Area Specific Quiz                  | 10 Points  |
| Content Assessment A                                       | 10 Points  |
| Post-Content Assessment Assignment/Remediation             | 10 points  |
| <b>Total Points per Week</b>                               | 30 Points  |
| <b>Total Points</b>  | <b>30 Points per week x 7 weeks = 210 Points</b> |
| Pharmacology II Assessment                                 | 10 Points  |
| Medical Surgical II Assessment                             | 10 Points  |
| <b>Total Points for All Review Assignments/Assessments</b> | 230 Points                                       |

Completion of weekly content will be recorded by the ATI nurse educator in the ATI Capstone Content Review gradebook. Course faculty will review the completion report and document progress on the student’s clinical evaluation tool each week. Students must complete all capstone content review modules. Any student failing to complete all modules or assessments will receive an incomplete (I) in the course.

## **PHASE 2: Virtual NCLEX Review (VATI)**

The Virtual ATI NCLEX Review (VATI), which aligns with the current NCLEX test plan, provides interactive online resources to prepare nursing graduates for NCLEX success. Unlike the Capstone Content Review, the VATI is an independent review students begin approximately 6 weeks prior to graduation.

### *VATI Grading*

The VATI content and assignments are evaluated (graded) by the ATI nurse educator as completed/not completed. Completed content areas are recorded in the ATI gradebook. Course faculty will review student progress and document in the clinical evaluation tool the VATI content completed each week.

### **Virtual ATI NCLEX Review Completion Rubric**

| <b>Virtual ATI NCLEX Review Pre-Graduation Assignments</b> |                 |                   |
|--|-----------------|-------------------|
| <b>Pre-Graduation Assignments</b>                          | <b>Complete</b> | <b>Incomplete</b> |
| NCLEX Strategies   |                 |                   |
| Fundamentals   |                 |                   |
| Pharmacology   |                 |                   |
| Adult Medical Surgical                                     |                 |                   |
| Maternal Newborn   |                 |                   |
| Nursing Care of Children                                   |                 |                   |
| Mental Health  |                 |                   |

Students who fail to demonstrate progress in completing the pre-graduation content and assignments will be required to meet with their clinical faculty. After this initial discussion, any student failing to demonstrate progress completing the pre-graduation content and assignments will be required to complete a performance improvement plan. Any student who does not complete all pre-graduation VATI assignments will receive a grade of Incomplete 'I' in the course.

### *RN Comprehensive Predictor Assessment*

The RN Comprehensive Predictor Assessment measures mastery of nursing content and readiness for NCLEX. This 180-item assessment is based on the Content Mastery Series content and NCLEX Client Need categories including:

- Fundamentals
- Pharmacology
- Medical Surgical
- Maternal Newborn Care
- Mental Health
- Pediatrics
- Nutrition
- Leadership
- Community Health

NCLEX success predictability is calculated based on VATI activities and the RN Comprehensive Predictor Assessment scores. All students take the RN Comprehensive Predictor Assessment A

after completing all pre-graduation VATI requirements. Results are reviewed by the ATI nurse educator, and individualized remediation is assigned as needed. Students scoring at or below an 85 percent passing predictability on the RN Comprehensive Predictor Assessment A must also take the RN Comprehensive Predictor Assessment B prior to the end of the semester.

#### *Proctored Assessment Administration*

All assessments, including the RN Comprehensive Predictor Assessments, are proctored, and administered by ATI Proctorio on the date and time indicated in the course calendar. Remote proctoring will be used by ATI Proctorio. Any change in administering the proctored assessment must be approved by the School of Nursing Director or designee. Any proctored assessment given on campus in the nursing computer lab must be proctored by an ATI certified proctor.

#### *Practice Assessments*

Practice assessments are required to help students become familiar with the format and content on the RN Comprehensive Predictor Assessment and used to identify potential knowledge gaps. Practice assessments are activated by faculty according to the course calendar and may be repeated every 48 hours until closed. After each practice assessment, a remediation assignment is generated. All remediation assignments must be completed before the next attempt.

#### *RN Comprehensive Predictor Assessment Remediation Process*

Students are expected to achieve a 90% or higher passing predictability on the RN Comprehensive Predictor Assessment. Once this benchmark is achieved, all post-assessment remediation activities must still be completed. Any student scoring 90% or higher passing predictability on the RN Comprehensive Predictor Assessment A is not eligible to retake the assessment.

#### *Retaking the RN Comprehensive Predictor Assessment*

Retaking a proctored assessment is designed to improve performance. Students who score below a 90% passing predictability on the initial attempt must complete all assigned remediation activities and retake the RN Comprehensive Predictor Assessment B within two weeks of the initial assessment. All remediation activities assigned as a result of the Predictor Assessment B score must be completed.

#### *RN Comprehensive Predictor Assessment Cohort Data*

The RN Comprehensive Predictor Assessment generates individual and cohort data including:

- Adjusted Individual Total Score (% correct)
- Predicted Probability of Passing NCLEX on the First Attempt
- National and Program Means and Percentile Ranks
- Topics to Review per NCLEX Client Need Categories
- Individual Scores (% correct) within an outcome

Summary data of these assessments quantify a student's individual performance compared to their cohort and national standards. After all RN Comprehensive Predictor Assessments are completed, course faculty will review the cohort summary data with students to help them understand their individual performance in relationship to the cohort and national standards.

Any student failing to complete the required RN Comprehensive Predictor Assessments or remediation will receive an Incomplete (I) in the course.

### **PHASE 3: On-Site NCLEX Review**

At the end of the semester, students are required to attend a three-day onsite comprehensive NCLEX review taught by an ATI nurse educator. Any student who does not attend the entire three days will receive an Incomplete 'I' in the course.

### **Professional Communication Standards**

The ATI NCLEX Success Plan is based on the principles of assessment, review, remediation, and accountability. Each student will work with one or more ATI nurse educator(s) during the NURS 4590 Capstone Clinical course who will provide guidance for remediation and review activities based on content mastery.

All students in the Capstone Clinical course will demonstrate professional communication including:

- No foul, threatening or abusive language.
- No harassing messages, obscene, or offensive remarks.
- Do not reply to messages when angry. Come back later, re-read, and then respond.
- Use proper spelling, grammar, and punctuation.
- Communicate your needs to the ATI educator so that a partnership is formed in working toward a common goal.
- Include all relevant information and details in your message.
- Read the message thoroughly before it is sent.
- Be careful of the message tone.

Periodic updates will be provided to course faculty by the ATI educator related to student engagement, student time in the system, review progress, timely assignment submission and professional conduct.

**Any deviation from the professional standards outlined in this document will result in the student being assigned a failure for leadership on the student's clinical evaluation tool. Unprofessional behavior may also result in course failure.**

**RN Comprehensive Predictor Grading Rubric Template**

| <b>RN Comprehensive Predictor Assessment Grading Rubric</b>   |  |   |   |
|---|--|---|---|
| <b>Practice Assessments:</b><br><i>Complete <b>both</b> practice assessments and all remediation activities prior to taking the initial RN Comprehensive Predictor Assessment</i>   |  |   |   |
| <p align="center"><b>Complete Practice Assessment A</b></p> <p>Remediation:</p> <ul style="list-style-type: none"> <li>- Minimum one-hour focused review on initial attempt</li> <li>- For each topic missed, complete an active learning template as part of the remediation process</li> <li>- Take post study quiz (if assigned) and complete an active learning template for each topic missed</li> </ul> |  | <p align="center"><b>Complete Practice Assessment B</b></p> <p>Remediation:</p> <ul style="list-style-type: none"> <li>- Minimum one-hour focused review on initial attempt</li> <li>- For each topic missed, complete an active learning template as part of the remediation process</li> <li>- Take post study quiz (if assigned) and complete an active learning template for each topic missed</li> </ul> |   |
| <b>RN Comprehensive Predictor Initial Assessment Scoring:</b>   |  |   |   |
| <b>95% or above<br/>Passing<br/>Predictability</b>  | <b>90% or above<br/>Passing<br/>Predictability</b>   | <b>85% or above<br/>Passing<br/>Predictability</b>  | <b>84% or below<br/>Passing<br/>Predictability</b>  |
| <p><b>Remediation</b></p> <ul style="list-style-type: none"> <li>- Minimum one-hour focused review</li> <li>- Complete active learning template for each topic missed</li> </ul>  | <p><b>Remediation</b></p> <ul style="list-style-type: none"> <li>- Minimum two-hour focused review</li> <li>- Complete active learning template for each topic missed</li> </ul> | <p><b>Remediation</b></p> <ul style="list-style-type: none"> <li>- Minimum three-hour focused review</li> <li>- Complete active learning template for each topic missed</li> </ul>  | <p><b>Remediation</b></p> <ul style="list-style-type: none"> <li>- Minimum four-hour focused review</li> <li>- Complete active learning template for each topic missed</li> </ul> |
| <b>Retake RN Comprehensive Predictor Assessment</b>   |  |   |   |
| <i>None</i>   | <i>None</i>  | <i>Required</i>   | <i>Required</i>   |

**NURS 4590: Capstone Clinical ATI NCLEX Success Plan Schedule Template**

| <b>Pre-ATI Capstone Content Review</b>  |                             |                     |                             |                             |
|---|-----------------------------|---------------------|-----------------------------|-----------------------------|
| Complete Capstone Comprehensive Assessment A  |                             |                     |                             |                             |
| Complete ATI Orientation Module   |                             |                     |                             |                             |
| Gain Access to 1 <sup>st</sup> Content Module   |                             |                     |                             |                             |
| <b>ATI Capstone Content Review</b>  |                             |                     |                             |                             |
| Week  | Content Module              | Opens<br>(Thursday) | Assessment Due<br>(Tuesday) | Assignments Due<br>(Sunday) |
| Week 1  | Fundamentals                |                     |                             |                             |
| Week 2  | Pharmacology I/II           |                     |                             |                             |
| Week 3  | Medical Surgical I/II       |                     |                             |                             |
| Week 4  | Maternal Newborn            |                     |                             |                             |
| Week 5  | Nursing Care of Children    |                     |                             |                             |
| Week 6  | Mental Health               |                     |                             |                             |
| Week 7  | Leadership/Community Health |                     |                             |                             |
| <b>Post-ATI Capstone Content Review</b>   |                             |                     |                             |                             |
| ATI Capstone Content Inactivation   |                             |                     |                             |                             |
| <b>VATI Pre-Graduation Assignments/Assessments</b>  |                             |                     |                             |                             |
| Complete Capstone Comprehensive Assessment B  |                             |                     |                             |                             |
| Begin Virtual ATI NCLEX Review  |                             |                     |                             |                             |
| <b>VATI Core Content Modules</b>  |                             |                     |                             |                             |
| VATI-Complete Pre-Graduation Modules  |                             |                     |                             |                             |
| NCLEX Strategies<br>Fundamentals<br>Pharmacology<br>Adult Medical Surgical<br>Maternal Newborn<br>Nursing Care of Children<br>Mental Health |                             |                     |                             |                             |
| Complete RN Comprehensive Predictor Assessment A  |                             |                     |                             |                             |
| Retake RN Comprehensive Predictor Assessment B (if required)  |                             |                     |                             |                             |

| <b>ATI Live NCLEX Review</b>                                      |  |
|---|--|
| Live Review Day 1   |  |
| Live Review Day 2   |  |
| Live Review Day 3   |  |
| <b>Recommended Post-Graduation Virtual ATI Review Completion*</b> |  |
| Leadership  |  |
| NCLEX Readiness Feedback Survey                                   |  |
| Post-Green Light Review   |  |
| NCLEX Testing within 3 weeks                                      |  |

*\*Post-Graduation Review & Green Light Achievement*

Students are NOT required to complete the Virtual ATI NCLEX post-graduation content, but it is highly recommended. When all post-graduation content is completed, the student is eligible to achieve the ATI ‘green light’ for NCLEX testing, although ‘green light status’ may not be recommended for every student regardless of the review time, activities, or assessment scores. Achievement of the ‘green light’ indicates the student has a 92% or greater probability of passing the NCLEX if taken within three weeks. Students who do not achieve a ‘green light’ should continue intense NCLEX review preparation until the NCLEX is passed.

**Virtual ATI NCLEX Review Post-Graduation Completion Rubric**

| <b>VATI NCLEX Review Post-Graduation Assignments</b> |                 |                   |
|--|-----------------|-------------------|
| <b>Post-Graduation Assignments</b>                   | <b>Complete</b> | <b>Incomplete</b> |
| Leadership   |                 |                   |
| NCLEX Readiness Feedback Survey                      |                 |                   |
| Post-Green Light Review                              |                 |                   |
| NCLEX within 3 weeks                                 |                 |                   |

\*Post-Graduation Assignments are not required to pass the course but will improve your chance of success on NCLEX

Approvals:  
 SON Exam Committee: 8.11.2023  
 SON Faculty: 8/25/2023