

AUM Research Protocol Review Form

Institutional Review Board for Research Involving Human Subjects

Office of Sponsored Programs (OSP), 334.244-3250

For IRB use only:
 Date received in OSP: _____ PROTOCOL # _____
 Date assigned IRB review: _____ Reviewed by: _____ Date of IRB approval: _____
 Type of review: ___ Expedited, ___ Full Board, ___ Exempt Interval for Continuing Review: _____

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

1. Proposed dates of study: from 5-13-19 to 5-13-20
2. Project Title: Improving First Attempt NCLEX-RN Pass Rates Using a Targeted Post-Graduate Intervention
3. Principal Investigator: _____
4. Title: Dr. Dept: NURS Phone: 334-244-3250 Email: _____
5. Source of Funding/Project Support: Internal External (list) n/a
6. Status of Funding/project support: received approved pending n/a
7. General research characteristics:

A. Research Methodology	B. Participant Information
<p>Please identify the descriptors that best apply to the research methodology.</p> <p>Data collection will be: <input type="checkbox"/> Prospective* <input type="checkbox"/> Retrospective* <input checked="" type="checkbox"/> both</p> <p>Data will be recorded so that participants can be directly or indirectly identified: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Data collection will involve the use of:</p> <p><input checked="" type="checkbox"/> Educational Tests (cognitive, diagnostic, aptitude, achievement) <input type="checkbox"/> Surveys/Questionnaires <input checked="" type="checkbox"/> Private Records/Files <input type="checkbox"/> Interview/Observations <input type="checkbox"/> Audiotaping <input type="checkbox"/> Videotaping <input type="checkbox"/> Physical/Physiologic Measurements or Specimens <input type="checkbox"/> Other (explain Q.12a)</p>	<p>Check all descriptors that apply to the participant population:</p> <p><input checked="" type="checkbox"/> Males <input checked="" type="checkbox"/> Females</p> <p>Vulnerable Populations:</p> <p><input type="checkbox"/> Pregnant Women <input type="checkbox"/> Age 17 & under <input type="checkbox"/> Prisoners <input type="checkbox"/> Elderly <input type="checkbox"/> Economically Challenged <input type="checkbox"/> Physically Challenged <input type="checkbox"/> Mentally Challenged</p> <p>Do you plan to recruit AUM Students? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Do you plan to remunerate participants? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
C. Research Content Area	D. Risks to Participants
<p>Identify (list) 3 or 4 keywords to identify this research project.</p> <p><u>Post-graduation; NCLEX-RN licensure exam first attempt; HESI Exit exam; NCLEX-RN licensure exam pass rates</u></p>	<p>Please identify all risks that may reasonably be expected as a result of participating in this research:</p> <p><input checked="" type="checkbox"/> Breach of Confidentiality <input type="checkbox"/> Deception <input type="checkbox"/> Social <input type="checkbox"/> Psychological <input checked="" type="checkbox"/> Coercion <input type="checkbox"/> Physical <input type="checkbox"/> Other (explain)</p>

**(Prospective data collection involves new or original data. *Retrospective data involves the use of existing data.)*

8. INVESTIGATORS:

Identify each individual involved with the conduct of this project and describe his or her roles and responsibilities related to this project.

<p>Principal Investigator (PI): the PI must have completed IRB-approved human research protections training through CITI. IRB staff must verify training before approval is granted. The CITI training site is available through the following link www.citiprogram.org</p> <p><input checked="" type="checkbox"/> CITI completion report attached (on file)</p>	
Name: [REDACTED]	Email: [REDACTED]
Department: Nursing	Phone: [REDACTED]
<input checked="" type="checkbox"/> Faculty <input type="checkbox"/> Staff <input type="checkbox"/> Graduate Student <input type="checkbox"/> Undergraduate Student	
<p>Role/Responsibility: Project development; creation of study plans; direct student interaction/coaching; data collection and analysis; written summary of findings; dissemination of findings</p>	

<p>Researcher: must have completed IRB-approved human research protections training through CITI. IRB staff must verify training before approval is granted. The CITI training site is available through the following link www.citiprogram.org</p> <p><input type="checkbox"/> CITI completion report attached (on file)</p>	
Name:	Email:
Department:	Phone:
<input type="checkbox"/> Faculty <input type="checkbox"/> Staff <input type="checkbox"/> Graduate Student <input type="checkbox"/> Undergraduate Student	

<p>Research: must have completed IRB-approved human research protections training through CITI. IRB staff must verify training before approval is granted. The CITI training site is available through the following link www.citiprogram.org</p> <p><input type="checkbox"/> CITI completion report attached</p>	
Name:	Email:
Department:	Phone:
<input type="checkbox"/> Faculty <input type="checkbox"/> Staff <input type="checkbox"/> Graduate Student <input type="checkbox"/> Undergraduate Student	
<p>Role/Responsibility:</p>	

9. **LOCATION OF RESEARCH: List all locations where data collection will take place and analyzed. Be as specific as possible.** Demographic data will be collected from the AUM School of Nursing (AUMSON) student records. Student HESI Exit exam scores will be collected from the HESI website. Student activity and progress through the Kaplan resources will be collected from the Kaplan website. Student activity and progress through the PassPoint resources will be collected from the Lippincott website. Student NCLEX-RN licensure exam pass/fail results will be collected from the Alabama Board of Nursing website. Data will be collected electronically in the principal investigator's (PI) office on campus. Data will be de-identified and the code book will be stored in a locked filing cabinet in the PI's office. Data will be analyzed using SPSS software in the PI's office on campus.
10. **BACKGROUND: Briefly discuss the relevant literature and research findings that lead to the development of this project. Please cite relevant sources and include a "Reference List" as Appendix B.** The Health Education Systems Inc. (HESI) Exit exam is a standardized testing product used nationwide to predict nursing students' success on the NCLEX-RN licensure exam. The HESI Exit exam has been known to predict NCLEX-RN licensure exam first attempt success with 96.4%-98.3% accuracy (Adamson & Britt, 2009; Langford & Young, 2013; Lauchner, Newman, & Britt, 1999; Michel, 2006; Newman, Britt, & Lauchner, 2000; Nibert & Young, 2001; Nibert, Young, & Adamson, 2002; Young & Wilson, 2012; Zweighaft, 2013). The AUM School of Nursing (AUMSON) administers two versions of the HESI Exit exam during the final semester of the traditional baccalaureate program. One version is administered near the midpoint of the student's last semester; a second version is administered at the end of the last semester. A student is considered successful on the HESI Exit exam if they score an 850 or higher (Lauchner et al., 1999).

The PI will provide at-risk students, defined as those who scored less than 850 or higher on both of the HESI Exit exams, with a targeted intervention to guide their NCLEX-RN exam preparation after graduation from the AUMSON. The goal of the targeted study plan is to promote success on the NLCEX-RN licensure exam through activities that promote application of knowledge, test taking strategies, and improve student confidence (Corrigan-Magaldi, Colalillo, & Molloy, 2014). Due to the paucity of literature available on this type of post-graduate intervention, the PI elected to create a targeted, eight week NCLEX-RN licensure exam study plan comprised of the resources available to all AUMSON post-graduate students. Any graduating fifth semester, traditional baccalaureate student who achieved an 850 or higher on one or both of the HESI Exit exams could also receive a targeted NCLEX-RN licensure exam study plan. The immediate post-graduation time period was selected by the PI to work with students since this is considered a less stressful time in which students are not consumed with the competing demands of rigorous coursework and clinical requirements for graduation.

The targeted study plan consists of three electronic resources purchased by all final semester students. Since each of these resources were required for the final semester, students are not required to purchase any additional products to participate in the targeted study plan (Banks, McCullough, Ketner, & Darby, 2018; Jefferys, Hodges, & Trueman, 2017). The three electronic resources include Lippincott's PassPoint

product, the Kaplan NCLEX Preparation product, and the HESI Exit exam. Both the PassPoint and Kaplan products consist of electronic adaptive quizzing with NCLEX style questions students can use to prepare for the NCLEX-RN licensure exam. The Kaplan product also includes four computer adaptive tests to help students prepare for the adaptive component of the NCLEX-RN licensure exam. Use of computerized adaptive quizzing platforms allow students to practice and master NCLEX-RN licensure exam content in an individualized manner (Corrigan-Magaldi et al., 2014; Cox-Davenport & Phelan, 2015). Students who participate in the targeted study plan will receive the opportunity to take a third version of the HESI Exit exam. A third attempt at the HESI Exit exam has been included as one method to determine if working through the targeted study plan improved student scores on the HESI Exit exam as compared to attempts one and two.

The PI created an eight week study plan consisting of the previously discussed electronic resources. The PI has experience working with graduating senior nursing students and with the resources utilized within the plan. The PI's experience with the resources in addition to familiarity with test taking strategies and the NCLEX-RN licensure exam ensures that the study plan is appropriate for the students' NCLEX-RN licensure exam preparation needs. Each week, students will focus their NCLEX-RN licensure exam preparation on specific content areas. Students are required to answer a minimum of 150 NCLEX style questions on the designated content each week. Each week the PI will communicate with the students participating in the study plan to follow their progress. The PI will identify the student's preferred method of communication (i.e. email, text, or phone call) during the initial meeting to discuss the study plan. The PI will follow each participating students' progress on the Lippincott and Kaplan websites to verify the number of NCLEX style questions completed and the students' mastery of content. Students who choose to participate in the study plan will continue to receive coaching from the PI until their first NCLEX-RN licensure exam attempt. One-on-one faculty coaching in the immediate post-graduation period is an effective strategy to address several of the barriers to success on the NCLEX-RN licensure exam that occur following graduation. Maintaining continuity with a single faculty coach during the post-graduation NCLEX-RN licensure exam preparation period can increase student accountability, dispel myths, and decrease the anxiety related to taking the exam (Czekanski, Mingo, & Piper, 2018).

11. PURPOSE & SIGNIFICANCE:

- a. **Clearly state the objectives, goals, or aims of this project.** To determine if a targeted NCLEX-RN licensure exam study plan is an effective intervention for at-risk post-graduation traditional baccalaureate nursing students in preparation for the first NCLEX-RN licensure exam attempt.

- b. **How will the results of this project be used? (e.g., presentation? Publication? Thesis? Dissertation?)** The results of this project will be disseminated through publication and/or conference presentations to increase the body of nursing knowledge related to targeted post-graduation NCLEX-RN licensure exam success plans for at-risk students.

12. PARTICIPANTS:

- a. **Describe the participant population you have chosen for this project.** Senior nursing students in their final semester of study who have graduated from the AUMSON traditional baccalaureate nursing program and are preparing for the NCLEX-RN licensure exam. Students in this population who scored less than 850 on both HESI Exit exams are considered to be “at risk” and will be targeted for participation in this study. Senior students who scored 850 or higher on one or both of the Exit HESI exams will also receive the opportunity to participate in this study.

What is the minimum number of participants you need to validate the study? 10

What is the maximum number of participants you will include in the study? 50

- b. **Describe the criteria established for participant selection. (If the participants can be classified as a “vulnerable” population, please describe additional safeguards that you will use to assure the ethical treatment of these individuals.)** Graduating, senior nursing students who will be graduating from the AUMSON traditional baccalaureate nursing program. The students will be preparing for their NCLEX-RN licensure exam. Students who did not score an 850 on either HESI Exit exam will be provided with the opportunity to join the study first, then all other interested students will be invited to participate.
- c. **Describe all procedures you will use to recruit participants. Please include a copy of all flyers, advertisements, and scripts and label as Appendix C.**
Final semester students scoring less than 850 on both HESI Exit exams will be confidentially contacted via AUM email and invited to meet individually with the PI to discuss participating in the study. Any graduating student who earns an 850 or higher on one or both of the HESI Exit exams will also be invited to join the study via AUM email. Students who earn an 850 or higher on one or both HESI Exit exams will be invited to participate in the same study plan as those students scoring less than 850 on their HESI Exit exams.
- d. **Describe how you will determine group assignments (e.g., random assignment, independent characteristics, etc.)** All participants will receive the same targeted study plan.
- e. **Describe the type and amount and method of compensation for participants.** No participants will be compensated

13. **PROJECT DESIGN AND METHODS:**

Describe the procedures you will plan to use in order to address the aims of this study. (NOTE: use language that would be understandable to a layperson. Without a complete description of all procedures, the AUM IRB will not be able to review the protocol.

- a. **Project overview (Briefly describe the scientific design.)** Graduating senior students are identified as at-risk by the PI if they did not score an 850 on both of the HESI Exit exams. These at-risk students will be confidentially contacted to meet individually with the PI to discuss participation in the study. A personal email will be sent offering all graduating senior nursing students (those who did not score an 850 on both HESI Exit exams and those students that did score an 850 or higher on one or both HESI Exit exams) the opportunity to receive the targeted eight week NCLEX-RN study plan. Each student interested in participating will be required to attend a confidential face-to-face meeting with the PI. Each meeting will last approximately 30 minutes and include a discussion of the study plan components and expectations for the student to complete the plan before the first NCLEX-RN licensure exam attempt. The components of the study plan will include use of the three electronic resources, Lippincott's PassPoint product, Kaplan's NCLEX-RN preparation website, and the HESI Exit exam. At the meeting's conclusion, each student will be given the opportunity to choose to participate. Students who choose to participate will be asked to sign a copy of the study plan. Students will be informed that signing the study plan document constitutes their consent to participate. Students choosing to participate will continue to receive feedback and coaching from the PI until the first NCLEX-RN licensure exam attempt.

- b. **Describe all procedures and methods used to address the purpose.**
Data will be collected from student self-reports, activity logs from the websites utilized for review, and NCLEX-RN licensure exam results. Data from the activity logs from the Lippincott and Kaplan websites will be collected weekly. Data from the third HESI Exit exam will be collected from the HESI website after students have completed the exam. Data from the first attempt on the NCLEX-RN licensure exam will be collected from the Alabama Board of Nursing website as students test. Student self-reports will be collected from emails, text messages, and/or phone calls received from students during the coaching process. The data will be analyzed to identify trends in the use of a targeted study plan to increase first attempt NCLEX-RN licensure exam scores as well as the components of the targeted study plan and first attempt NCLEX-RN licensure exam scores.

- c. **List all instruments used in data collection. (e.g., surveys, questionnaires, educational tests, data collection sheets, outline of interviews, scripts, audio and/or video methods, etc.) Please include a copy of all data collection instruments that will be used in this project and label as Appendix C.** Data collection worksheets were created using Excel. Demographic data will be collected from AUMSON student files including: age, race, gender, number of semesters in program, prior degrees received, previous HESI performance, hours worked during plan, and use of any outside content review resources. Data to be collected on a weekly basis include the activity logs from the Lippincott PassPoint product and the Kaplan NCLEX preparation website. Each product's activity log includes the date/time/length of student logins, the number of

questions completed, and the mastery level of questions completed. The activity log for the Kaplan Computer Adaptive Testing exams includes the date/time/length of student logins, the number of questions completed, the exam score, and the student's NCLEX-RN licensure exam pass prediction. The HESI website provides the date/time/length of student logins and the Exit exam score. The Alabama Board of Nursing provides the student's license number if the student passed the NCLEX-RN licensure exam on the first attempt. Any self-reports from students regarding their progress through the study plan will be collected (via email, phone conversation, or text message).

- d. **Data Analysis: Explain how the data will be analyzed.** Data will be analyzed using SPSS software to identify significance in student participation in the study plan and success on the first attempt on the NCLEX-RN licensure exam. Data will be analyzed to identify specific correlations between completion of specific study plan components and first attempt success on the NCLEX-RN licensure exam. Correlations between demographic data and first attempt success on the NCLEX-RN licensure exam will also be analyzed.

14. **RISKS AND DISCOMFORTS:**

List and describe all of the reasonable risks that participants might encounter if they decide to participate in this research. If you are using deception in this study, please justify the use of deception and be sure to attach a copy of the debriefing form you plan to use and label as *Appendix D*.

Participants risk breach of confidentiality. Participants also face the risk of coercion due to the power relationship involved in a faculty member asking her students to participate in the study.

15. **PRECAUTIONS:**

Describe all precautions you have taken to eliminate or reduce risks that were listed in #14. Participants will be assigned a number to prevent breach of confidentiality. To reduce the risk of coercion, the PI will meet with students after final grades are completed. Students will be informed that participation in the study is voluntary and not required to sit for the NCLEX-RN licensure exam or to graduate from the AUMSON program. Students will meet with the PI individually to discuss participation in the study to prevent feelings of obligation if a large number of students in the graduating senior cohort choose to participate.

16. **BENEFITS:**

- a. **List all realistic benefits participants can expect by participating in this study.** Participants will receive a focused NCLEX-RN licensure exam study plan that they would not otherwise be able to access. Students considered at risk of passing the NCLEX-RN licensure exam on the first attempt will receive an individualized study plan to help improve their score on the NCLEX-RN licensure exam at no additional financial cost.
- b. **List all realistic benefits for the general population that may be generated from this study.** This intervention could become a model for post-graduation NCLEX-RN licensure exam preparation. The general population will benefit from an increased number of prepared, competent newly licensed baccalaureate prepared nurses.

17. PROTECTION OF DATA:

- a. Will data be collected as anonymous? Yes No
- b. Will data be collected as confidential? Yes No
- c. If data is collected as confidential, how will the participants' data be coded or linked to identifying information? Each participant will be assigned an identification number.
- d. Justify your need to code participants' data with identifying information. An identification number is needed to differentiate student information and results.
- e. Where will code lists be stored? The code list will be stored on a password protected flash drive in a locked file cabinet in the PI's office.
- f. Will data collected as "confidential" be recorded and analyzed as "anonymous"? Yes No
- g. Describe how the data will be stored (e.g. hard copy, audio recording, electronic data, etc), where the data will be stored, and how the location where data is stored will be secured in your absence. Data will be collected on a single password protected flash drive.
- h. Who will have access to participants' data? The PI will have access to the participants' data.
- i. When is the latest date that the data will be retained? The data will be retained up to two years after the study period ends.
- j. How will the data (hard copies, electronic and other) be destroyed? The data will be deleted from the flash drive.

PROTOCOL REVIEW CHECKLIST (for researcher to fill out)

All protocols must include at least items 1-5.

Items 6-10 as applicable.

1. IRB Protocol Form is complete
2. IRB Protocols Assurances page has all necessary signatures
3. Verification of CITI Training for all researchers: indicated on page 2 and completion reports attached.
4. **Appendix A:** Informed Consent Form/s
5. **Appendix B:** Reference List (Literature Review)
6. **Appendix C:** if flyers, advertisements, generalized announcements or scripts are used for data collection.
7. **Appendix C:** if data collection sheets, surveys, tests, or other recording instruments will be used for data collection. Be sure to mark each of the data collection instruments as they are identified in section #13 , part c.
8. **Appendix D:** if debriefing form is used.
9. If research is being conducted at sites other than AUM or in cooperation with other entities, a letter from the site/program director must be included indicating their cooperation or involvement in the project. NOTE: if the proposed research is a multi-site project, involving investigators or participants at other academic institutions, hospitals or private research organizations, a letter of IRB approval from each entity is required prior to initiating the project. **Include in Appendix A.**
10. Written evidence of acceptance by the host country if research is conducted outside of the United States (approval by host country IRB). **Include in Appendix A.**

Appendix A: Informed Consent

I am inviting you to participate in a research study. Participation is completely voluntary. If you agree to participate now, you can always change your mind later. There are no negative consequences, whatever you decide.

I want to determine if a targeted, individualized NCLEX-RN licensure exam study plan is an effective intervention for at-risk post-graduation traditional baccalaureate nursing students in preparation for the first NCLEX-RN licensure exam attempt. Individuals who choose to participate in the study are asked to complete two interventions. You will receive an 8 week study plan to prepare for the NCLEX-RN licensure exam. You are expected to complete each of the study plan components according to the schedule provided in the study plan. You are also expected to complete the study plan according to the weekly schedule provided. You will be contacted by the faculty member conducting this study on a weekly basis to determine your progress through the study plan. You are asked to provide your preferred method of communication for these weekly progress updates. I will also be available to you via email, phone call, or text on an “as needed” basis throughout the study. Prior to participation in the study, you will meet with me individually to review the study plan components and to discuss expectations for you to complete the study plan before the first NCLEX-RN licensure exam attempt.

Possible risks to your participation in the study include breach of confidentiality and/or coercion. A breach of confidentiality occurs when your data is seen by someone who should not have access to it. To reduce the risk of your confidentiality being breached, I will store all data on a password-protected thumb drive. I will also replace any identifying information with a study ID. The study ID and any paper data that is collected will be stored in a locked filing cabinet in a locked office. To reduce the risk of coercion you are provided with this statement of informed consent which explains the purpose of the study. You are also allowed to end your participation in the study at any time without consequence. Possible benefits to your participation in the study include no financial costs and the receipt of a focused, individualized NCLEX-RN licensure exam study plan that you would not otherwise be able to access.

Your signature on the first page of the NCLEX Study Plan document signifies your commitment to participate in the study. Please remember that you can always change your mind and end your participation in the study at any time without consequence.

Sample NCLEX Study Plan

GOAL: _____ BSN, RN GOAL DATE NCLEX: _____

EXIT HESI Raw scores: ____; ____

I agree to study 2-4 hours every day; 6 days per week. I will provide evidence of my work to Dr. Cochran weekly. I will send a copy of this completed document by 0900 each Monday. The purpose of this plan is to promote success on NCLEX. I will honestly reflect on this work; I will remediate as guided. I will work with Dr. Cochran to schedule the NCLEX at the most opportune time.

My printed signature signifies commitment. _____

	Area of study	Goal	Results
Week 1 13 May	Kaplan Content Review Guide: Chapters 1-2 (The NCLEX-RN; Kaplan’s Review for the NCLEX- RN Exam) Chapter 4, Sections 3-5 Chapter 8, Section 1 (Growth & Development) Kaplan The Basics: Chapter 2 (Fundamentals); Chapter 14, Section 1 (Growth & Development)	Kaplan: 65% on 150 Q Bank questions on assigned areas of study; written remediation on all questions; RN NCLEX Sample Test 1 PassPoint: Mastery Level 8 on all content Basic Physical Care, Basic Psychosocial Needs, Basic Physical Assessment, The Nursing Process	
Week 2 20 May	Kaplan Website: Complete the Dosage/Calculation Workshop (3 modules) Kaplan The Basics: Chapter 3, Section 3 (Nursing Measures for IV Therapy); Chapter 16 (Pharmacology); Chapter 17, Section 2 (Medication Terminology) Kaplan Content Review Guide: Chapter 3, Sections 1-4 (Physiological Integrity: Pharmacological & Parenteral Therapy)	Kaplan: 65% on 150 Q Bank questions on assigned areas of study; written remediation on all questions; RN NCLEX Sample Test 2 PassPoint: Mastery Level 8 Medication & IV Administration, Pharmacology, Pharmacological & Parenteral Therapies	
Kaplan CAT 1			
Week 3 27 May	Kaplan Content Review Guide: Chapter 6 (Physiologic Integrity:	Kaplan: 65% on	

	<p>Basic Care & Comfort); Chapter 7 (Safe & Effective Care Environment)</p> <p>NCLEX Test Plan Candidate Version</p>	<p>100 Q Bank questions on assigned areas of study; written remediation on all questions; RN NCLEX Sample Test 3, Priorities</p> <p>PassPoint: Mastery Level 8 Basic Care & Comfort, Health Promotion/Maintenance, Management of Care, Physiological Adaptation, Psychosocial Integrity, Reduction of Risk Potential, Safety & Infection Control, Ethics, EBP, Legal Issues, Professional Behaviors, Teaching & Learning, Prioritization/Delegation, Clinical Decision Making/Clinical Judgement</p>	
<p>Week 4 3 June</p>	<p>Kaplan Content Review Guide: Chapter 8, Sections 2-7 (Childbearing, Neonatal); Chapter 9, Sections 1-5 (Psychosocial Integrity)</p> <p>Kaplan The Basics: Chapter 13 (Maternity & Gynecological Nursing); Chapter 14, Sections 2-3 (Pediatric Nursing); Chapter 15, Sections 1-8 (Psychosocial Integrity)</p>	<p>Kaplan: 65% on 100 Q Bank questions on assigned areas of study; written remediation on all questions; RN NCLEX Sample Test 4, Alternate Format</p> <p>PassPoint: Mastery Level 8 Antepartum, Intrapartum, Postpartum, Neonate, Infant, Toddler, Preschooler, School-age Child, Adolescent, Foundations of Psychiatric Nursing, Anxiety Disorders, Mood/Adjustment/Dementia Disorders, Psychotic Disorders, Substance Abuse/Eating Disorders/ Impulse Control Disorders</p>	
Kaplan CAT 2			
<p>Week 5 10 June</p>	<p>Kaplan The Basics: Chapter 4 (Cardiovascular), Chapter 5 (Respiratory), Chapter 6 (Hematological & Immune)</p>	<p>Kaplan: 65% on 100 Q Bank questions on assigned areas of study;</p>	

		<p>written remediation on all questions; NCLEX RN Practice Test</p> <p>PassPoint: Mastery Level 8 Cardiovascular Disorders, Respiratory Disorders, Immune & Hematologic Disorders</p>	
Exit HESI 3 rd Attempt			
<p>Week 6 17 June</p>	<p>Kaplan The Basics: Chapter 7 (GI), Chapter 8 (Endocrine), & Chapter 9 (Renal)</p>	<p>Kaplan: 65% on 100 Q Bank questions on assigned areas of study for the week and written remediation on all questions</p> <p>PassPoint: Mastery Level 8 Gastrointestinal Disorders; Endocrine & Metabolic Disorders, Genitourinary Disorders</p>	
CAT 3			
<p>Week 7 24 June</p>	<p>Kaplan The Basics: Chapter 10 (Musculoskeletal), Chapter 11 (Sensory & Neuro), & Chapter 12 (Oncology)</p>	<p>Kaplan: 65% on 100 Q Bank questions on assigned areas of study for the week and written remediation on all questions</p> <p>PassPoint: Mastery Level 8 Musculoskeletal Disorders, Neurosensory Disorders, Oncologic Disorders</p>	
Kaplan Readiness Exam			
<p>Week 8 1 July</p>		<p>Kaplan: 65% on Question Trainer 7</p> <p>PassPoint: Mastery Level 8 Prioritization & Delegation; Culture, Spirituality, & Alternative/Complementary Modalities; Emerging Care Management Issues; Extra Alternate Format Practice</p>	

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Appendix C

- I. Personalized email template inviting all graduating senior students to receive a targeted post-graduation study plan.

Good morning (student's name),

As we discussed in class, I am offering you the opportunity to participate in a post-graduate study plan to guide your focused NCLEX-RN licensure exam preparation. Consider your Exit HESI scores (exam 1 score, exam 2 score) as you decide to participate. Please let me know a time next week you can meet to review your study plan.

Dr. 

- II. Data collection sheets
 - a. Please see Excel spreadsheet attachment
 - b. Legend of data collection acronyms
 - i. Identifier
 - ii. Initial meeting
 - iii. Plan signed
 - iv. W1 PP: week 1 PassPoint
 - v. W1 K: week 1 Kaplan
 - vi. W2 PP: week 2 PassPoint
 - vii. W2 K: week 2 Kaplan
 - viii. W3 PP: week 3 PassPoint
 - ix. W3 K: week 3 Kaplan
 - x. W4 PP: week 4 PassPoint
 - xi. W4 K: week 4 Kaplan
 - xii. W5 PP: week 5 PassPoint
 - xiii. W5 K: week 5 Kaplan
 - xiv. W6 PP: week 6 PassPoint
 - xv. W6 K: week 6 Kaplan
 - xvi. W7 PP: week 7 PassPoint
 - xvii. W7 K: week 7 Kaplan
 - xviii. W8 PP: week 8 PassPoint
 - xix. W8 K: week 8 Kaplan
 - xx. Exit HESI
 - xxi. CAT I: Kaplan computer adaptive test I
 - xxii. CAT II: Kaplan computer adaptive test II

- xxiii. CAT III: Kaplan computer adaptive test III
- xxiv. Readiness: Kaplan readiness exam
- xxv. Age
- xxvi. Race
- xxvii. Gender
- xxviii. Semester: number of semesters completed in upper division nursing program
- xxix. Prior: prior degree received
- xxx. HESI: previous HESI scores
- xxxi. Work: number of hours worked during study
- xxxii. Outside: outside resources used

