

Learner Disclosures

- **Provider Statement:** Assessment Technologies Institute, LLC (ATI Nursing Education) is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation
- **Criteria for Successful Completion:** To obtain credit for this activity, the participants must:
 - Attend 100% of the session
 - Complete activity by 07/31/2023 and submit the online evaluation



- All information included in National Nurse Educator Summit presentations is the copyrighted property of ATI or the individual presenters.
- You may not record this presentation or copy and/or distribute any of the handout materials.



Online Education: Meeting the Needs of the Student

Missouri State University-West Plains
Accelerated LPN to RN Bridge Program

Lacey Campbell, MSN, RN

Barbara Canton, MSN, RN, CNE

Lindsay Hill, MSN, MSEd, RN, CNE

Lisa Wade, MSN, NP-C

Online Education: Meeting the Needs of the Student

Measurable Learning Outcome & Learning Objectives

Learning Outcome:

Upon completion of the presentation, participants will be able to explain the key considerations and challenges when creating a student centered online Licensed Practical Nurse (LPN) to Registered Nurse (RN) program.

Learning Objectives:

1. Identify some of the challenges of the LPN-to-RN student.
2. Discover how to make didactic learning and assessment more adaptable to the online student while still maintaining high rigor and quality.
3. Discuss the clinical experience in an online program.
4. Describe new methodologies for evaluating the online student.

A Little Background...



PRESENTED BY
ATI NURSING

Prior to Our Curricular Change

- Annual Graduation
- 35 regular track students
- 10 LPN-RN students



Why Change?

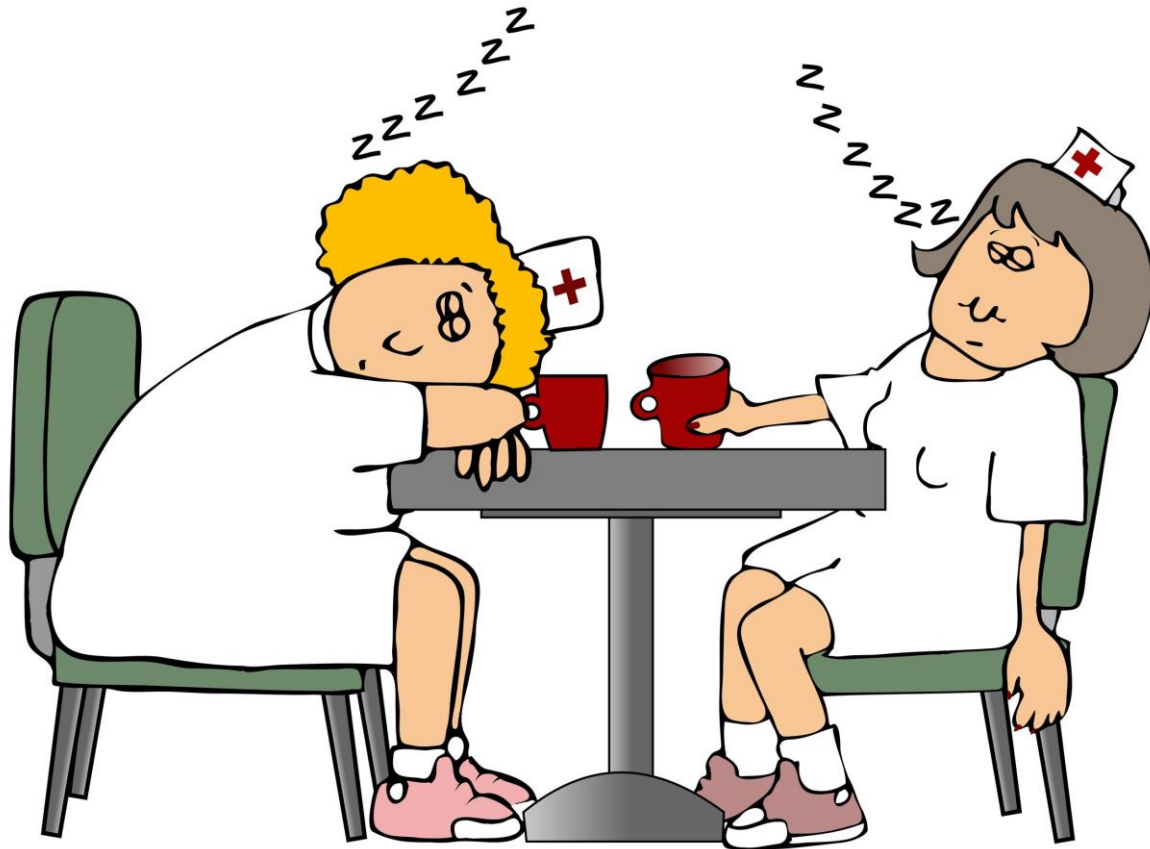


**NATIONAL
NURSE
EDUCATOR
SUMMIT**

PRESENTED BY
ATI NURSING

NATIONAL NURSE EDUCATOR SUMMIT

Challenges Faced



Working Full-Time



Going to School

- Insufficient time to study
- Too tired
- Excessive absences

Accelerated LPN to RN Design



PRESENTED BY
ATI NURSING

NATIONAL NURSE EDUCATOR SUMMIT

Program Expansion

From 90 to 135
students

Graduating students
twice a year

Began the LPN-RN
bridge program

15 seated LPNs

15 online LPNs



Accelerated LPN to RN Program Design

8 week and 16-week courses to ensure students could complete with in 1 year.

Associate of Science in Nursing Curriculum - LPN-to-RN Track

Semester 1	Credit Hours
NUR 190 Transitions for the LPN-to-RN	3
NUR 201 Nursing Care Across the Life Span	3
NUR 212 Nursing Care Across the Life Span	9
Semester 2	Credit Hours
NUR 202 Pharmacology	3
NUR 204 Adult Medical - Surgical Nursing II	9
NUR 220 Current Trends and Issues in Nursing (capstone course)	3
Credit Breakdown (65 hours for the ASN):	Credit Hours
Prerequisite Courses	11
General Education Courses	9
Advanced Placement Nursing Credit	15
Nursing Courses	<u>30</u>
Degree Total:	65

Classroom Instruction

High Quality Instruction on the Students' Schedule



PRESENTED BY
ATI NURSING

NATIONAL NURSE EDUCATOR SUMMIT

Course Design & Calendar

"Content" posted to mimic a "seated" course

Not mandatory these dates, just to help pace

Weekly Anchor Dates – Mondays at 11:59pm

Release folder usually Thursday/Friday before
(Start of Week Tuesday)

Allows flexibility with:

Family/life schedule

Those working "weekends" have Monday
to tie up loose ends

February 2023						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
			Unit 3: Integument			
Week 3	5	6	7	8	9	10
	Due: 1. RN 3.0: MS – Dermatological 2. RN 3.0: MS – Musculoskeletal 3. Dosage Calc: Oral Meds 4. Dosage Calc: Dose by Weight 5. DC: Powdered Meds 6. EXAM TWO (Units 2 & 3)	Unit 4: Dosage Calculation; & Evidence Based Practice		Unit 5: Fluid Volume, IV Fluids/pushes, & Venous Access Devices		
	12	13	14	15	16	17
Week 4	Due: 1. Dosage Calc: Injectable Meds 2. Dosage Calc: Parenteral (IV) Meds 3. Dosage Calc: Safe Dose 4. EXAM THREE (Units 4 & 5)	Unit 6: Electrolytes		Unit 6: Electrolytes		
	19	20	21	22	23	24
Week 5	Due: 1. Think Cultural Modules 2. Targeted Practice: Immune 3. Targeted Practice: F & E 4. EXAM FOUR (Unit 6)	Unit 7: Endocrine		Unit 7: Endocrine		
	26	27	28			
Week 6	Due: 1. Fund Practice Assessment 2. RN 3.0: MS – Endocrine 3. EXAM FIVE (Unit 7)	Unit 8: Diabetes				



Learning Management System (LMS) – Set Up

EASY TO USE FORMATTING

Format is CONSISTENT from Instructor to Instructor

Four Main tabs –

Announcements

Faculty Info

Syllabus/Course Info

Weekly Units Assignments

NUR190-01-SP23: Transitions Course/LPN-RN-SP23 Announcements

NUR190-01-SP23: Transitions Course/LPN-RN-SP23

- Announcements
- Faculty Information
- Syllabus/Course Information
- Weekly Units/ Assignments
- My Grades
- Tools
- Getting Help

Announcements

Week 3 folder open
Posted on: Friday, February 3, 2023 2:21:56 PM CST

The week 3 folder is open for those wanting to work ahead. :)

Mrs. Hill

Exam 2
Posted on: Thursday, February 2, 2023 8:47:33 PM CST

All,



PRESENTED BY
ATI NURSING

NATIONAL NURSE EDUCATOR SUMMIT

Weekly Units/Assignments



Folders broken apart by Week/Date



Each Week's folder contains:

Day 1 Materials folder

Day 2 Materials folder

Assignments Due This Week Folder

- Each Assignment has DETAILED instructions from the syllabus

- NUR190-01-SP23: Transitions Course/LPN-RN-SP23
- Announcements
- Faculty Information
- Syllabus/Course Information
- Weekly Units/ Assignments
- My Grades
- Tools
- Getting Help

Course Management

- Control Panel
- Content Collection
- Course Tools

Weekly Units/ Assignments

- Boot Camp Materials**
- Week 1** 1/24-1/30
- Week 2** 1/31-2/6
- Week 3** 2/7-2/13

- NUR190-90-SP23: Transitions Course/LPN-RN-SP23
- Announcements
- Faculty Information
- Syllabus/Course Information
- Weekly Units/ Assignments
- My Grades
- Getting Help
- Tools

Course Management

- Control Panel
- Content Collection
- Course Tools
- Evaluation
- Grade Center

Week 2

- Day 1 Materials** Musculoskeletal
- Day 2 Materials** Integument
- Assignments Due This Week - All Due on Monday, Feb 6th @ 11:59pm**



Inside the "Day 1 Materials" Folder

NUR190-00-SP23: Transitions Course/LPN-RN-SP23

Weekly Units/Assignments Week 1 Day 1 Materials

Day 1 Materials

- Read Chapters 45 & 47 in the med/surg text and/or review the following powerpoints. Please note there is further information in the "Notes" section below the slides. this out :
 - Ch 47 - Musculoskeletal Trauma.pptx
 - Ch 45 - Musculoskeletal Health Deviations (3).pptx
- Review the following handout over care of traction: [CARING FOR CLIENTS IN TRACTION.docx](#)
- For part 1 of this week's Weekly Assignment, complete the following worksheet regarding the content above. You can use any of the resources above (Ch 45 or Ch 47) or PP, OR musculoskeletal chapter in NCLEX book: [Complications of Fractures Wksht.docx](#)
- Upload the completed worksheet in #4 to the appropriate tab in the Assignments Due This Week folder.

Supplemental Materials

- Musculoskeletal - in class practice question.pptx
- Musculoskeletal Next Gen.pptx
- Questions: LPN Musculoskeletal Practice - NEXT GEN
- Discuss LATTE method of studying with Osteoporosis...

Video of class time

<https://youtu.be/6w1oH400G>

Inside the "Assignments Due This Week" folder

NUR190-01-SP23: Transitions Course/LPN-RN-SP23

Assignments Due This Week - All Due on Monday, Jan 30th @ 11:59pm

Build Content Assessments Tools Partner Content Discover Co

Introductions Discussion Board

Use this link to create a discussion post to tell us a little about yourself. Click on the "create thread" button to create your own post! I would encourage you to look at your classmates posts. You can see we have a lot in common with each other! Answer the following questions:

- Name?
- Where are you from?
- What's your life like? Kids, fur babies, just you?
- Do you currently work? If so, where?
- How long have you been a LPN?
- What areas have you worked in?
- What is the main thing you would like to get out of the bridge program?

Add a photo of yourself!

2023 - Syllabus Quiz

Will include content from the Course and Master Syllabi. You may also need your Student Handbook . You may, and it is encouraged, that you have your syllabi/handbook out during the quiz. This way, you will get used to looking up where to find information/questions you may have. **Take as many times as needed to earn 90% or higher.**



Frequent Communication & Instructions

Starting Week Email

- Explains how LMS course is set up/where to find things

Weekly Emails with Instructions

- Basic Template with changing dates, assignments, etc
- Reassures the student
- Students feel like they are getting “communication” and “interaction”
- Considering trying “recorded” weekly emails...

The following are the instructions for Week 6 of class.

Also, please don't forget to keep your instructors posted as situations arise if something comes up to where you are taken away from class. We will do everything we can to work with you! :)

Week 6 (9/27 – 10/3) - What should I be doing?

In Blackboard NUR 204 Course, see "Weekly Units/Course Content" tab -> "Week 6" Folder.

Day 1 Folder:

Open the folder to view/complete the materials (assigned reading, activity, etc) as explained in that day's folder. Remember, any supplemental materials listed (practice problems/questions, case studies, etc) are NOT to be turned in for a grade. They are there to help you "apply" the information learned in readings/videos/etc. Don't forget, the In Class Video will be added after class time Tuesday/Thursday.

Day 2 Folder:

Open the folder to view/complete the materials (assigned reading, activity, etc) as explained in that day's folder. Remember, any supplemental materials listed (practice problems/questions, case studies, etc) are NOT to be turned in for a grade. They are there to help you "apply" the information learned in readings/videos/etc. Don't forget, the In Class Video will be added after class time Tuesday/Thursday.

Assignments Due This Week Folder:

Open the folder to view any assignments or exams due this week. More info can be found in the "Assignments Due This Week" Folder. Don't forget to reference the course syllabus and course calendar too. All items this week are due on Monday, Sept 19th @ 11:59pm. Things due this week include:

1. **Weekly Assignment Part 1: NCLEX RN Style questions over Critical Respiratory Day 2**
2. **ATI RN 3.0 Assignment- Respiratory**
3. **EXAM THREE:**
 - Exam 3 will be over the content from Units 8-9 (Respiratory and Critical Respiratory). **(Unit 10: ABGs will be on Exam FOUR!)** There will be approximately 43 questions worth 2 points each; you will have an average of 2 minutes per question (approx 86 minutes total) to complete the exam. The exam will be split fairly evenly throughout the days on the calendar.
 - Exam will be taken using **Respondus Lockdown Browser with a webcam**. When beginning the exam, you will be prompted to show your surroundings. Also, you may have scrap paper, a writing utensil, and a calculator. Please be sure to show **both** sides of the paper(s) to the camera when showing your environment. I will also enable the calculator on the toolbar if you would prefer to use it.
 - The exam window will **open on Friday, Sept 30th @ 00:01am** and **close on Monday, Oct 3rd @ 11:59pm**. Please complete the exam within this window. The Exam Policy will be utilized if the exam is not completed in this time frame. If you have any technical trouble with the exam, please send me an email, and I will work to correct the problem asap. Please don't panic if something does go wrong. We will get it sorted out. On that same note, don't wait till the last minute to start. :)
1. **Weekly Assignment Part 2: ABG Charts**

Hopefully this is helpful in guiding you throughout the week's material. Please don't hesitate to ask if you have questions, concerns, or need clarification!! I will be checking email frequently, and if email isn't enough to come up with a solution, we will figure something else out (ex: in person, zoom, or other face to face tech).

Actually Delivering the Content

Daily Materials

- Traditional “Lecture” materials, reading, etc

Weekly Assignment

- Comparable to the class entry of seated group
- Helps them focus on the “lecture” content in Daily Materials to prepare for application during "class time"

Supplemental Materials

- Think Flipped Classroom - Application, critical thinking activities
- They do NOT have to complete for points

Content Delivery – Getting in that actual class time...

Recording of class time that is posted online

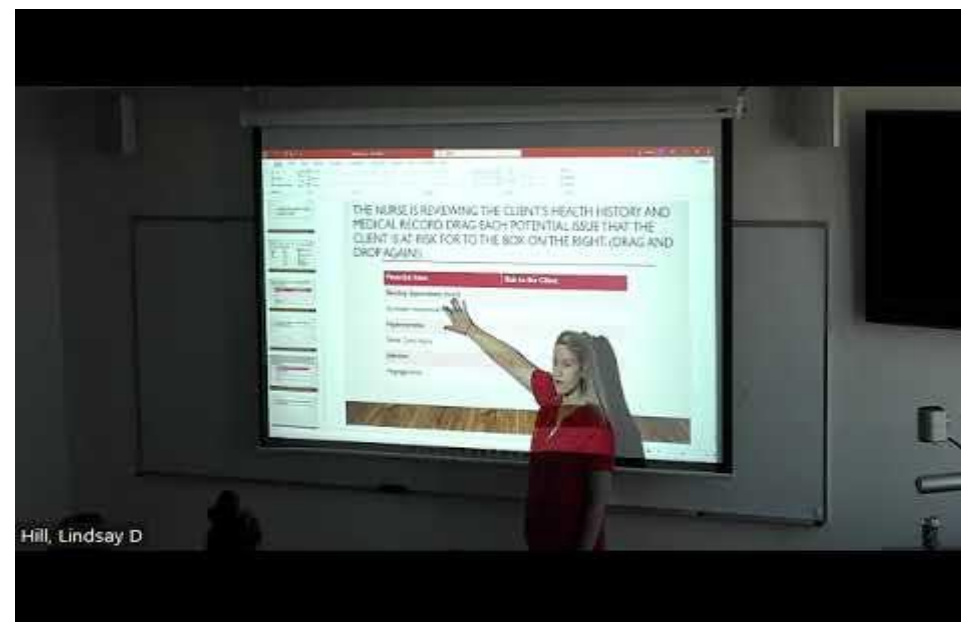
Keeps “connection” with students

They can see the MODELING OF CRITICAL THINKING!

Example as seen in video

Repercussions?

Ways to avoid them...



Example of Content Delivery

NUR190-90-SP23: Transitions Course/LPN-RN-SP23 Weekly Units/ Assignments Week 1 Day 1 Materials Edit Mode is: OFF

Day 1 Materials

Day 1 Materials

1. Read Chapters 45 & 47 in the med/surg text and/or review the following powerpoints. Please note there is further information in the "Notes" section below the slides. Be sure to check this out :
 - [CH 47 - Musculoskeletal Trauma.pptx](#)
 - [Ch 45 - Musculoskeletal Health Deviations \(3\).pptx](#)
2. Review the following handout over care of traction: [CARING FOR CLIENTS IN TRACTION.docx](#)
3. For part 1 of this week's Weekly Assignment, complete the following worksheet regarding the content above. You can use any of the resources above (Ch 45 or Ch 47 in med/surg text or PP, OR musculoskeletal chapter in NCLEX book): [Complications of Fractures Wksht.docx](#)
4. Upload the completed worksheet in #4 to the appropriate tab in the Assignments Due This Week folder.

Supplemental Materials

1. [Musculoskeletal - in class practice question.pptx](#)
2. [Musculoskeletal Next Gen.pptx](#)
3. Questions: LPN Musculoskeletal Practice - NEXT GEN
4. Discuss LATTE method of studying with Osteoporosis...

Video of class time

<https://youtu.be/Kw1ohL0QG>

Course Management

- Announcements
- Faculty Information
- Syllabus/Course Information
- Weekly Units/ Assignments
- My Grades
- Getting Help
- Tools

Control Panel

- Content Collection
- Course Tools
- Evaluation
- Grade Center
- Needs Grading
- Full Grade Center
- Assignments

Technology to get the “Classroom” to the Online Student

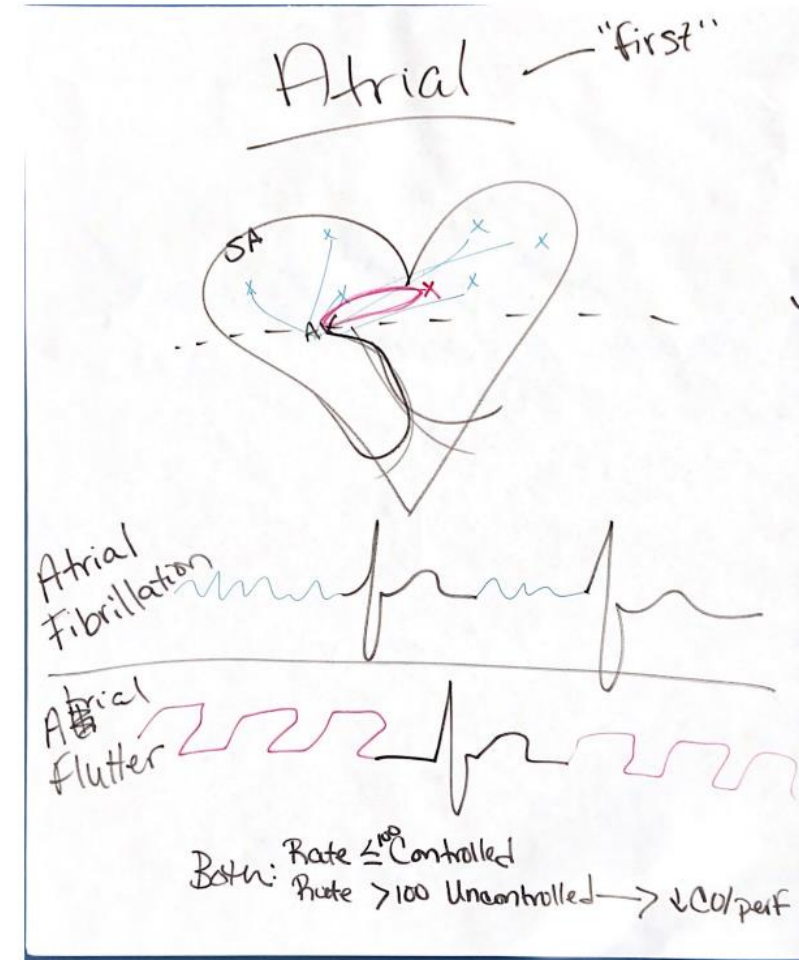
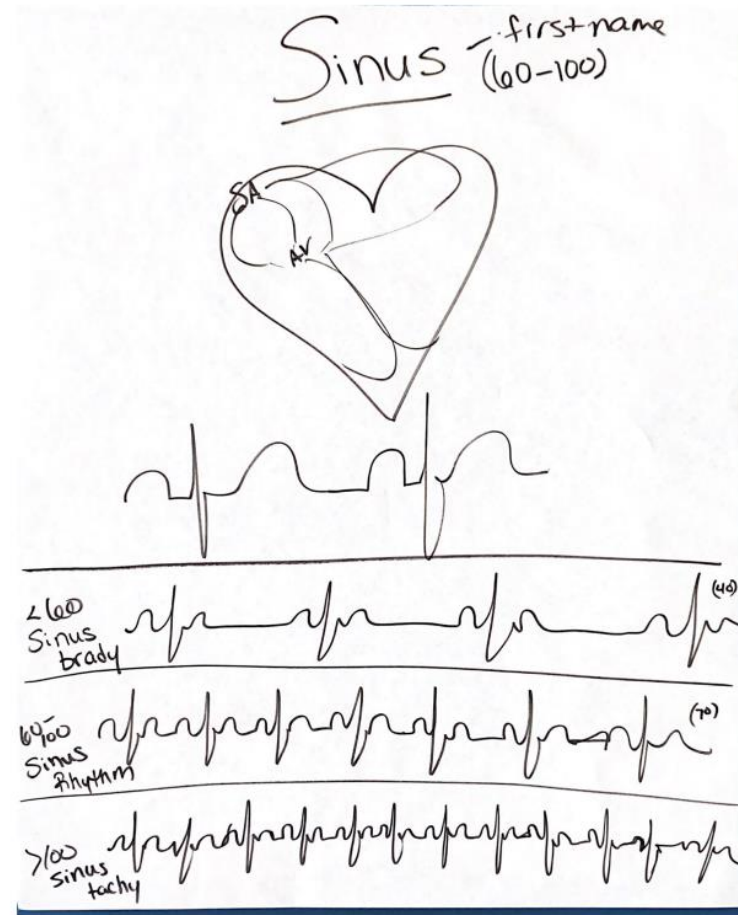
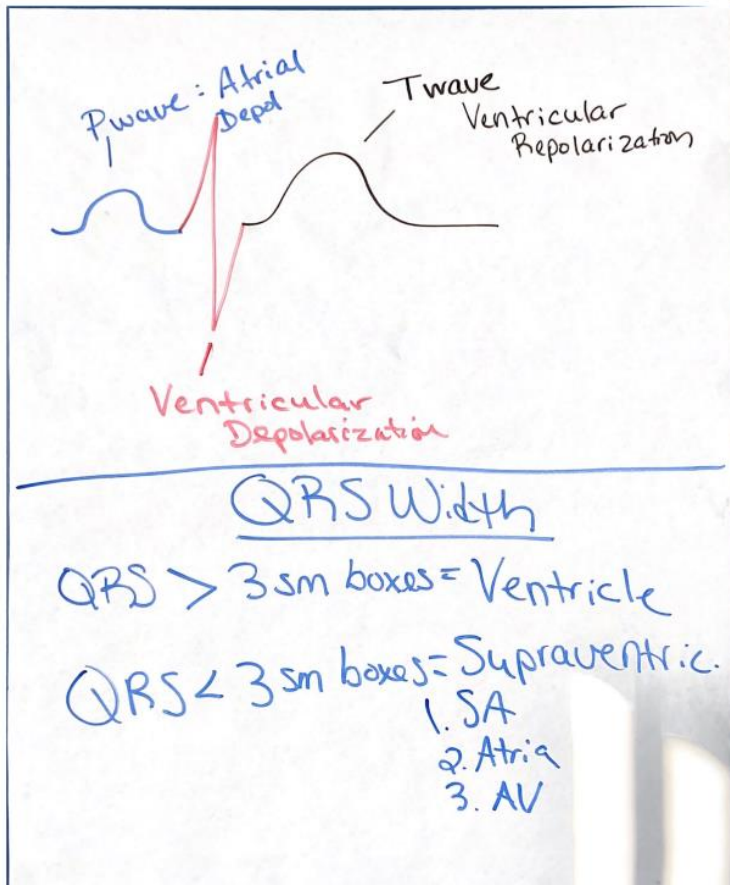
Cameras for class time recordings

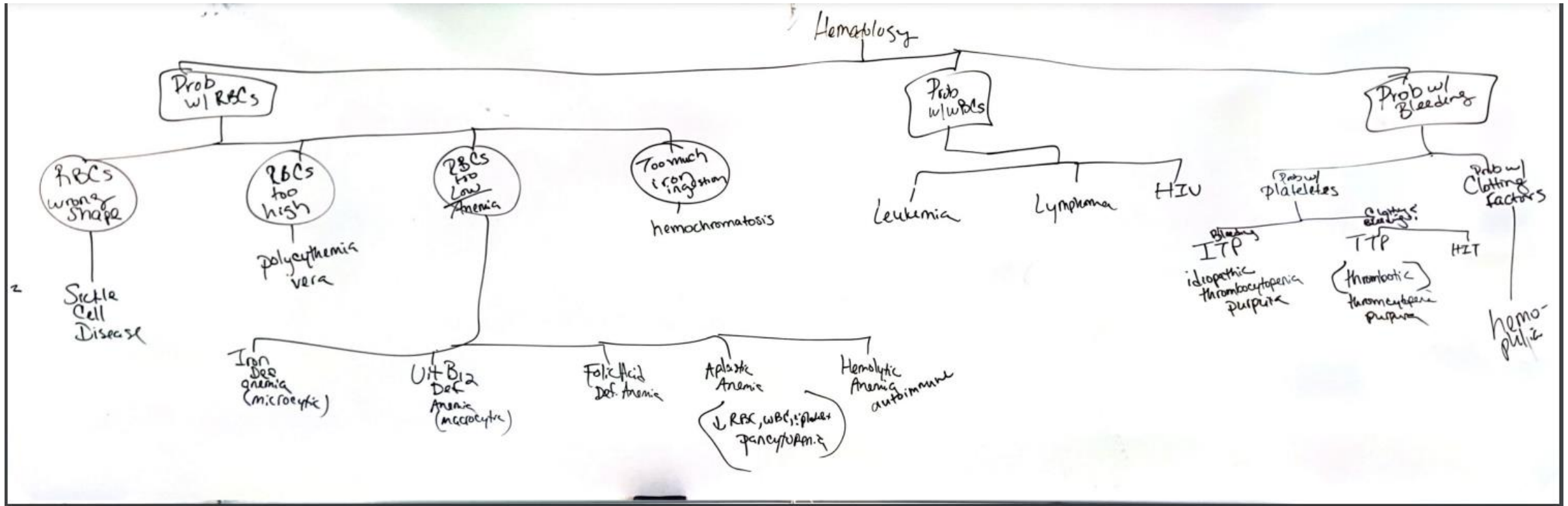
Used to borrow camera from library!

Apps on phone to turn notes/drawings on paper to pdfs

Technology to turn writing on large white board (ex: Concept map, etc) into digital image

Conversion of large sticky notes to PDF with phone app





Long white board into digital image

Testing via LMS with a Webcam

Three to Four Day Window

Use a white board/dry erase marker; Show blank at beginning/end

Students do not see exam Exam score until instructor has reviewed

Students never see exam questions again – Get “Topics to Review”

Worried about cheating?

They tell you when things happen...

Exam average within 3% when comparing a group’s testing environment

Providing Assistance to the Struggling Student

Exam Success Policy

Online Tutoring/Study Sessions

Intrusive Remediation and Advising

Connect with Services on Campus

Clinical Apprenticeship

Precepted Clinical Time



PRESENTED BY
ATI NURSING

NATIONAL NURSE EDUCATOR SUMMIT

Clinical Experience



RN Preceptorships

Clinical requests

Clinical contracts and affiliations

Securing the preceptor

- [Preceptor agreements](#)
- [Preceptor Training Module](#)

Self-Scheduled RN Preceptorship



Onboarding

Orientation

EMR Training

Clinical Requirements



Challenges

Finalizing Clinical Contracts

Preceptor availability

Adequate faculty members

Time for Clinical Advising

Ensuring Evaluation of the student

Clinical Advisors



Each student is assigned a faculty member as a clinical advisor



Students must schedule with the clinical advisor to review and discuss CET within 7 days of completed time frame (updating to scheduled group times similar to post conference)



Clinical advisor must also contact preceptors and review daily skills evaluation from preceptor



Each advisor now has 2-4 students for online cohort



Seated cohort meets as a group on campus with an advisory every 2 weeks (changed to ensure students will complete hours in timely manner)



students will complete hours in timely manner)

Clinical Evaluation



Preceptor Feedback

Likert scale rating clinical performance areas



Student Self Evaluation

Clinical Performance Tool
Final Clinical Evaluation



Clinical Advisor Evaluation

Review of Clinical Evaluation Tools and
additional clinical paperwork
Feedback from RN preceptor

Evaluating the Student



PRESENTED BY
ATI NURSING

NATIONAL NURSE EDUCATOR SUMMIT

Bootcamp (Orientation) Week

Students are brought in the week prior to courses starting to review classroom and clinical requirements.

Lab work: skills, standardized testing programs, Simulation and virtual simulation to expose students and evaluate skill set

Students get introduced to clinical advisor and other faculty to make them feel more comfortable and put a face to the instructor especially in the online track

Clinical Evaluation Tools

- This concept is adapted from Dr. Linda Caputi's paper on "Focus on Thinking" and Merced College course information.
- Clinical Evaluation tools are utilized to demonstrate clinical judgment by the student.
- One –two tools are utilized for every 24 hours of completed clinical time
- Tools are mapped throughout the course to address learning outcomes and NCLEX-RN categories
- Students must also complete 5 medication sheets, face sheet, pathophysiology concept map and planning table for each tool.



Clinical Evaluation Tools Time Table

Clinical hours completed:	Tool:	Objective:	Next Gen concept application:	Clinical Progression
1-24 hours	CET 1	OB #3	Recognizing cues	Form Hypothesis
25-48 hours	CET 2 & 3	OB #5 & OB #6	Analyze cues	Form Hypothesis
49-72 hours	CET 4	OB #7	Prioritizing cues	Refine Hypothesis
73-96 hours	CET 5 & 6	OB #1 & OB #2	Generate Solutions	Refine Hypothesis
97-120 hours	CET 7	OB #4	Take Action	Evaluate
121-132 hours	CET 8	OB # 8	Evaluate Outcomes	Evaluate



CET Example

**Clinical Evaluation Tool # 5
NCLEX-RN Test Plan: Manager of Care**

Course Learning Outcome 1: Provide and direct nursing care that enhances the care delivery setting to protect the client and health care personnel. (NCLEX Test Plan: Manager of Care) (P.L.O. 1, 2, 3, 4, 5, 9, 10) (Gen Ed: 1, 2, 5)

Answer the following:

Patient Needs:

What Goals are needed for this patient?

Short term goals:

Long term goals:

If you were the charge nurse today, and you had an LPN and UAP, what would you delegate, as far as care for your patient?

Delegate to RN?	
Delegate to LPN?	
Delegate to UAP?	

What type of medical team collaboration needs to take place in the facility for your patient? Who needs to be involved? (specialists, physical therapy, etc)

What type of medical team collaboration needs to take place after discharge?

What dept collaboration needs to take place for care of this patient? (Labs, dietary, etc)

Rubric for NCLEX-RN Test Plan: Manager of Care

Performance Criteria	S	NI	U
Able to properly identify and delegate tasks	Identifies proper delegation and role of each member.	Mostly identifies proper delegation	Does not understand roles or can properly delegate
Able to analyze care from a team approach	Able to see "big picture" of health care needs and able to appropriately collaborate with other people of the medical team to obtain goals	Somewhat is able to see health care needs of patient and collaborate with other team members	Not able to collaborate care for patient

The Results

2020-present



PRESENTED BY
ATI NURSING

NATIONAL NURSE EDUCATOR SUMMIT

Still in Progress...

Having the flexibility of online and self-scheduled clinical rotations allows working nurses to continue to work and obtain RN licensure.

Applicants for the online program are soaring (80 applicants for 30 spots-15 seated/15 online for the Spring 2023 cohort)

Able to meet students where needed

Pass rates promising-though COVID effects have changed outcomes so we are mapping our standardized testing curriculum program throughout the courses and having all faculty practice same content to improve pass rates

Implemented testing success policy to meet with students early to catch anyone that is struggling

Continuing to develop CETs that will encourage more clinical judgment and follow the NEXT GEN Model

Still in Progress...

- High student satisfaction scores, high employer and preceptor satisfaction, positive program outcomes, increased application numbers in a time of low enrollments nationwide. Lower than previous incidents of academic dishonesty, increased diligence to homework and assignment completions, increased clinical reasoning and lower time needed for hospital onboarding post graduation.

References

Caputi, L. (2022). Think like a nurse: The Caputi method for learning clinical judgment. Chicago: Windy City Publications.

Caputi, L. (2012). Merced College Registered Nursing 34: Advanced Medical/Surgical Nursing and Pediatric Nursing. <https://www.mccd.edu/academics/alliedhealth/nurse-registered/downloads/REGN34-CourseDescription.pdf>

Cornine, A. E., Crawford, S. L., & Sullivan-Bolyai, S. (2023). Facilitators and Inhibitors of LPN-to-RN Student Transition: A Cross-Sectional National Survey. *Nursing Education Perspectives (Wolters Kluwer Health)*, 44(1), 18–23. <https://doi.org/10.1097/01.NEP.0000000000001051>

Hew, K.F., & Kwan Lo, C. (2018). Flipped classroom improves student learning in health professions education: a meta-analysis. *BMC Medical Education*, 18: 38