Implementing Resuscitation Quality Improvement (RQI) into Academia

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National League for Nursing
Center of Excellence in Nursing Education

Enhance Student Learning and Professional Development 2014 - 2023

PURDUE UNIVERSITY NORTHWEST

College of Nursing

Conflicts of Interest and Disclosures

Both presenters are faculty at PNW, an NLN Change Agent for the RQI Early Adopter program. We received:

- Discounts on student registration for RQI
- Two RQI stations were provided by NLN/RQI/ Laerdal Medical/ AHA as part of the early adopter program

Objectives:

By the end of the presentation, participants will be able to:

- Describe the policy changes related to RQI necessary to implement the curricular innovation of RQI
- Describe a strategy for scheduling students for RQI
- Compare the ways they currently achieve student compliance to the ideas suggested in the presentation for RQI specific compliance

Background

A Partnership for Quality Improvement in Resuscitation

The National League for Nursing (NLN), the premier professional organization for nurse faculty and leaders in nursing education, and its partner Laerdal Medical, announce a new partnership to help advance transformation of the standard of resuscitation care for cardiac arrest.

The organizations are committed to supporting Resuscitation Quality Improvement® (RQI®) program adoption by nursing programs at higher education institutions to help prepare future nursing professionals to respond to cardiac arrest events competently and confidently — leading to improvement in survival rates.

https://rqipartners.com/nln/

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Curricular Changes/Policy

- Collaboration
- Student CPR requirement
- Student Compliance

Collaboration

- CON Dean
- Faculty buy-in
- RQI partners
- Office of Instructional Technology (OIT)
- CON technology specialist
- Graduate Students

Student Compliance

- Undergraduate Handbook
- Syllabus statement

RESUSCITATION QUALITY IMPROVEMENT (RQI) POLICY

Resuscitation Quality Improvement (RQI) Policy

Completion of the American Heart Association (AHA) Resuscitation Quality Improvement (RQI) program is included as a minimum passing standard. Failure to complete AHA RQI assigned quarterly cognitive modules and skills validation may result in a semester grade of Incomplete "I" or failure.

INTERRUPTION IN PLAN OF STUDY

PURDUE UNIVERSITY NORTHWEST REQUEST INFORMATION | VISIT | APPLY | GIVE

Scheduling Logistics

- Hospital model = self service
- Different facilities based on the campus
- Grad Aid availability
- Availability of space based on the campus
- Different set-up

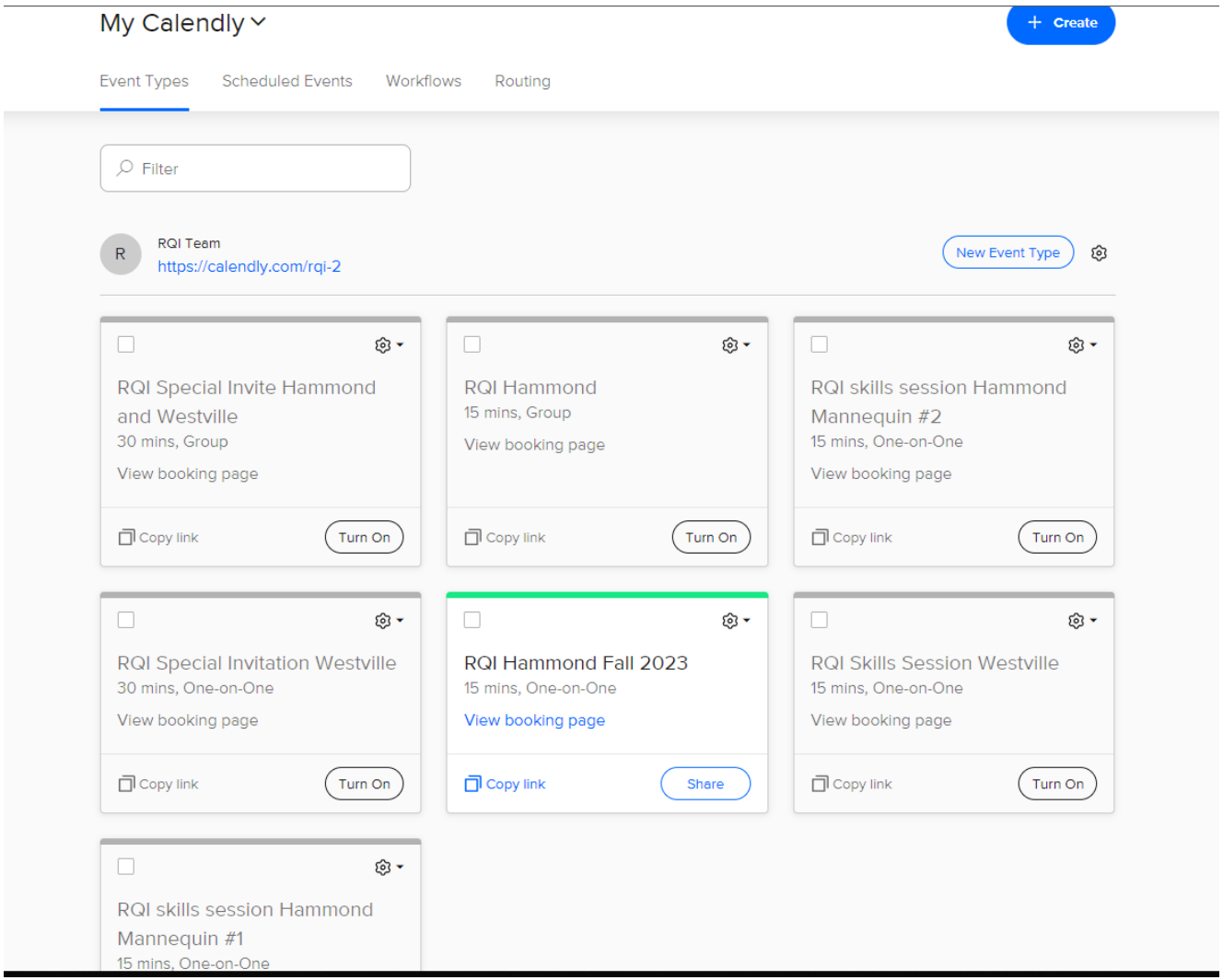
Fall 2022
Scheduling Skill Competency

- New process, difficulty understanding quarterly due dates
- Procrastination in completing assignments
- Long lines
- CPR novices taking > 15 mins

https://wdwnt.com/2022/01/photos-guests-line-up-for-figment-popcorn-bucket-on-first-day-of-2022-epcot-international-festival-of-the-arts/

Self-scheduling

- Explored options for scheduling (outlook, MS Teams, university check-in system, calendly)
- Calendly
- RQI email for each campus
- Students can self schedule 15 min time frames
- See only available times
- Schedule appointments that can be shared as an excel sheet
- Ability to mark students as a no show


My Calendly
Create
Event Types
Scheduled Events
Workflows
Routing
Filter
R
RQI Team
https://calendly.com/rqi-2
New Event Type
RQI Special Invite Hammond and Westville
30 mins, Group
View booking page
Copy link
Turn On
RQI Hammond
15 mins, Group
View booking page
Copy link
Turn On
RQI skills session Hammond Mannequin #2
15 mins, One-on-One
View booking page
Copy link
Turn On
RQI Special Invitation Westville
30 mins, One-on-One
View booking page
Copy link
Turn On
RQI Hammond Fall 2023
15 mins, One-on-One
View booking page
Copy link
Share
RQI Skills Session Westville
15 mins, One-on-One
View booking page
Copy link
Turn On
RQI skills session Hammond Mannequin #1
15 mins, One-on-One

RQI Team

RQI Hammond Fall 2023

15 min

PNW NILS Hammond

This is the sign-up for Hammond RQI, and there are two dummies at Hammond. The appointment is for 15 mins; if you cannot complete your skill within the allotted time frame, you must schedule another appointment.

Hammond Open Lab Hours

- Only Registered PNW Nursing Students are allowed in the lab.
- NO food/drink is permitted in the lab at any time.
- When entering the lab, students must sign in and give their ID Badge to the Grad Aide.
- ID Badge will be returned when the practice area has been cleaned and picked up.
- Only appropriate language and behavior will always be permitted in the lab.
- Failure to comply with these practices will

Cookie settings

Report abuse

Powered by Calendly

Select a Date & Time

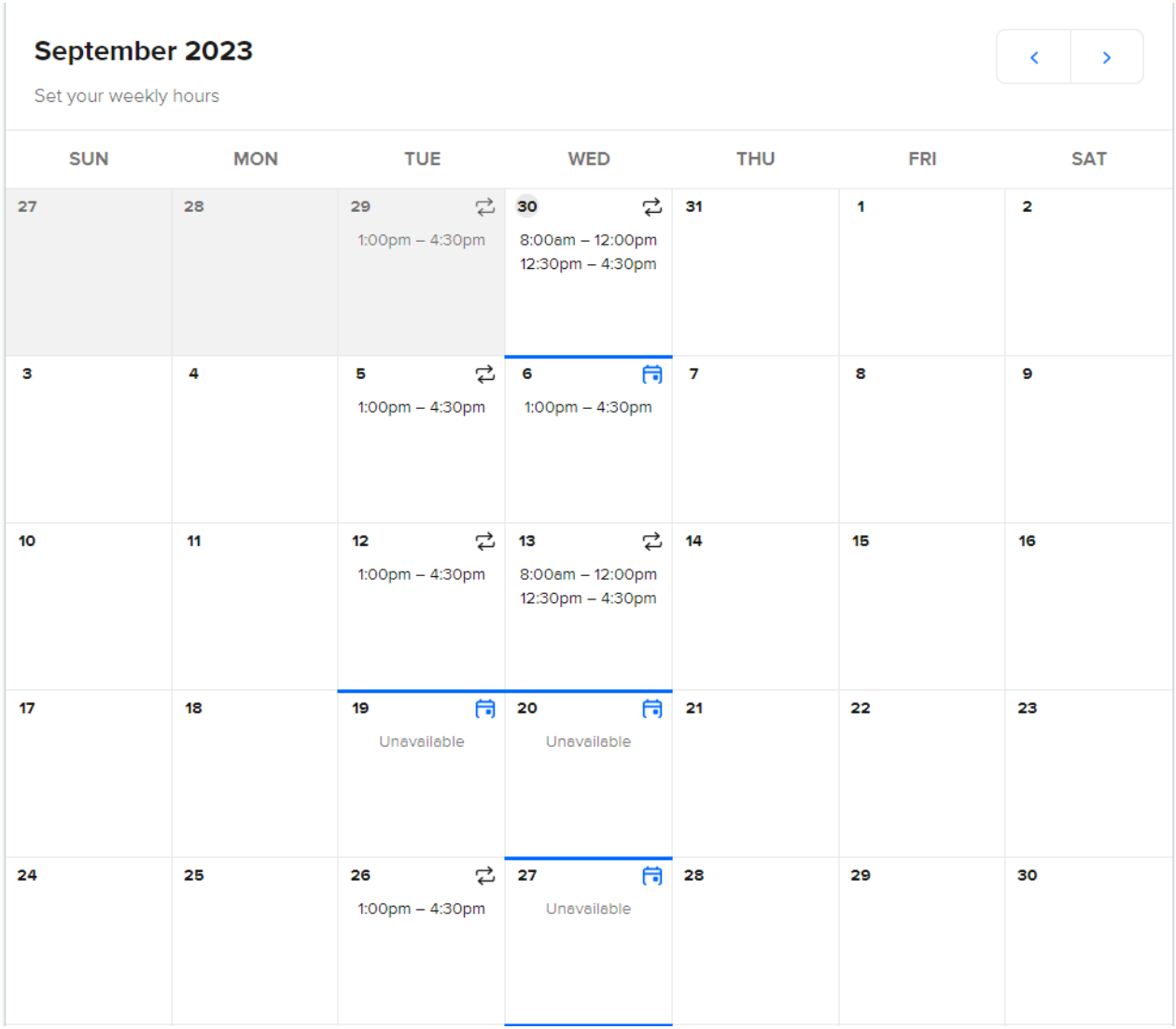
August 2023

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Time zone

Central Time - US & Canada (10:10am)

Troubleshoot


September 2023
Set your weekly hours
SUN
MON
TUE
WED
THU
FRI
SAT
27
28
29
1:00pm – 4:30pm
30
8:00am – 12:00pm
12:30pm – 4:30pm
31
1
2
3
4
5
1:00pm – 4:30pm
6
1:00pm – 4:30pm
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1:00pm – 4:30pm
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8:00am – 12:00pm
12:30pm – 4:30pm
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Unavailable
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1:00pm – 4:30pm
27
Unavailable
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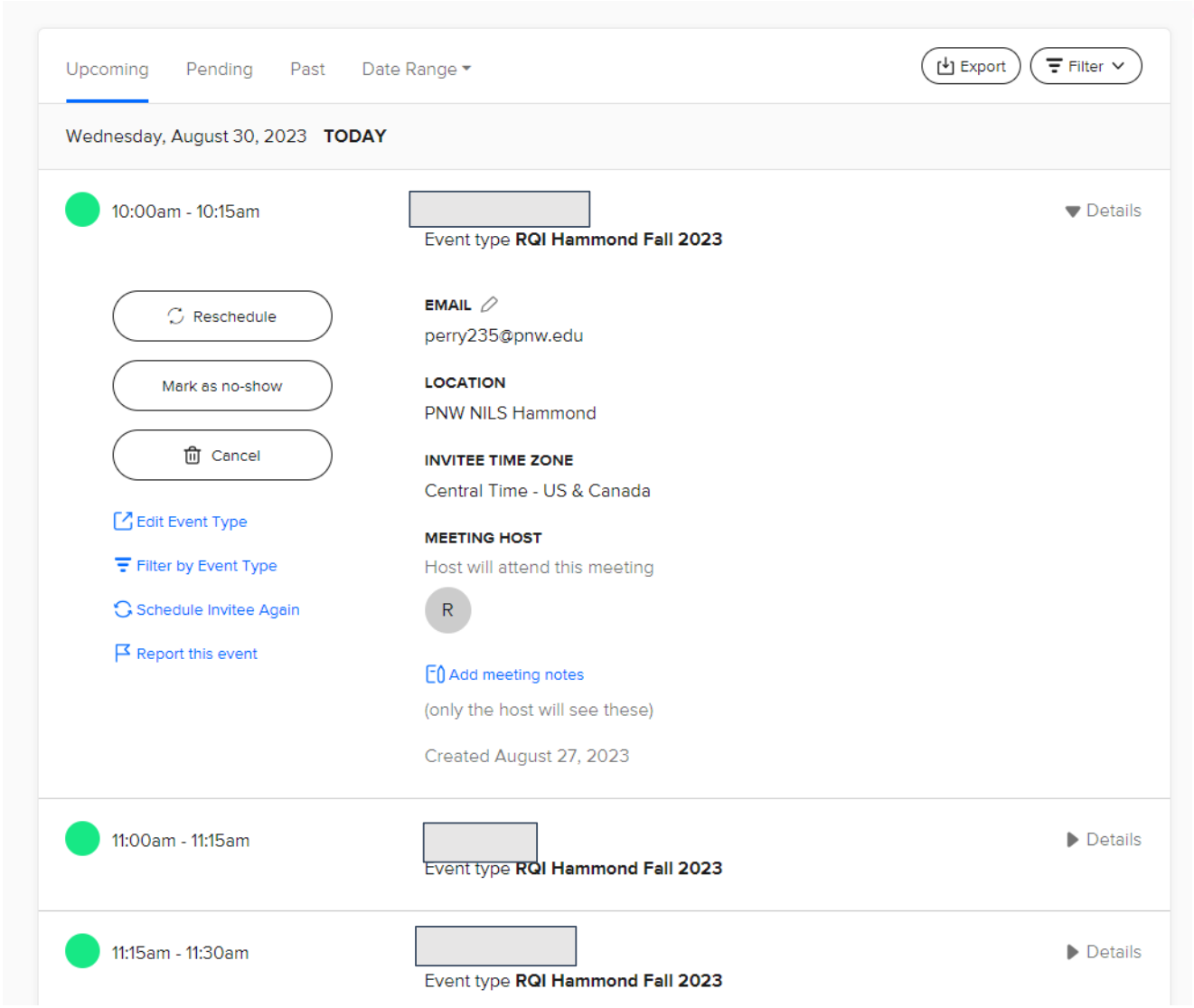
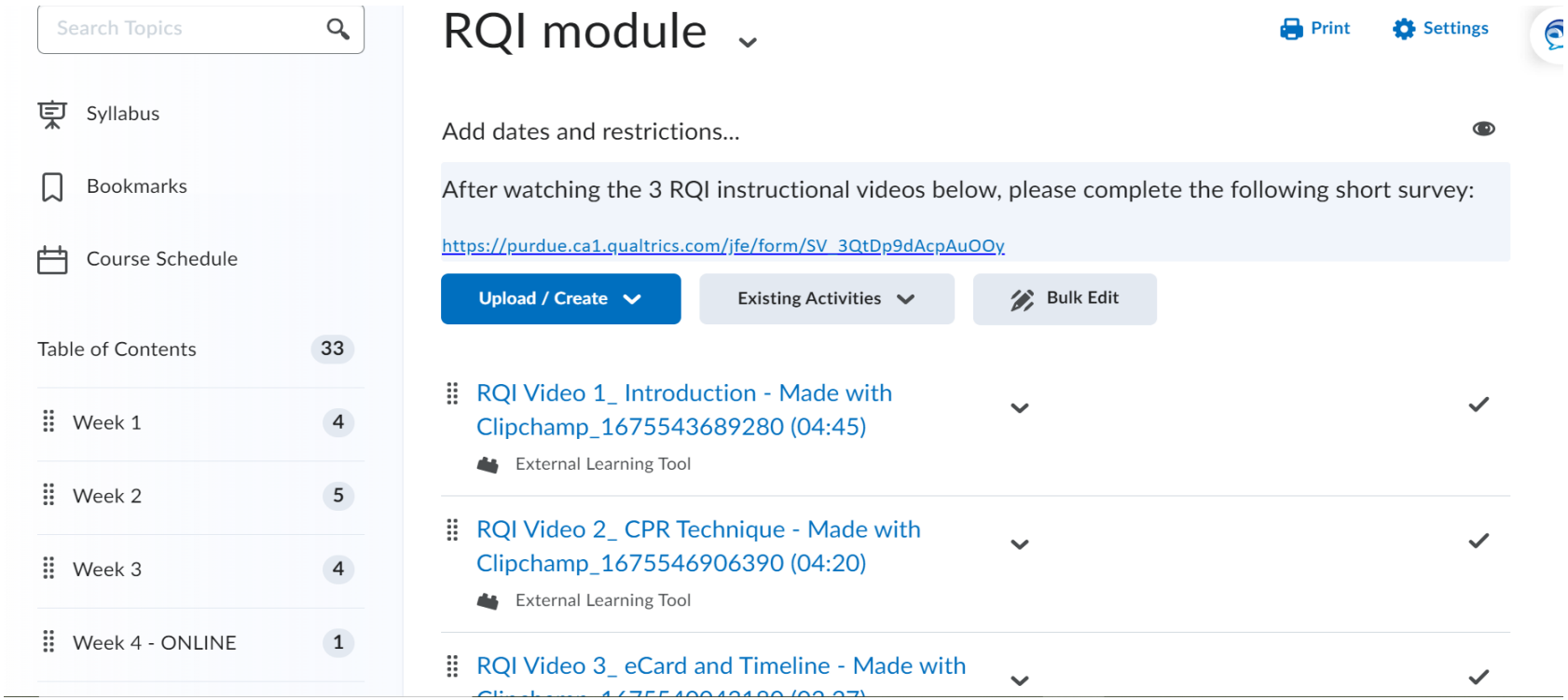
29
30


Upcoming
Pending
Past
Date Range
Export
Filter
Wednesday, August 30, 2023 TODAY
10:00am - 10:15am
Event type RQI Hammond Fall 2023
Details
Reschedule
Mark as no-show
Cancel
Edit Event Type
Filter by Event Type
Schedule Invitee Again
Report this event
EMAIL
perry235@pnw.edu
LOCATION
PNW NILS Hammond
INVITEE TIME ZONE
Central Time - US & Canada
MEETING HOST
Host will attend this meeting
R
Add meeting notes
(only the host will see these)
Created August 27, 2023
11:00am - 11:15am
Event type RQI Hammond Fall 2023
Details
11:15am - 11:30am
Event type RQI Hammond Fall 2023
Details

Student Success

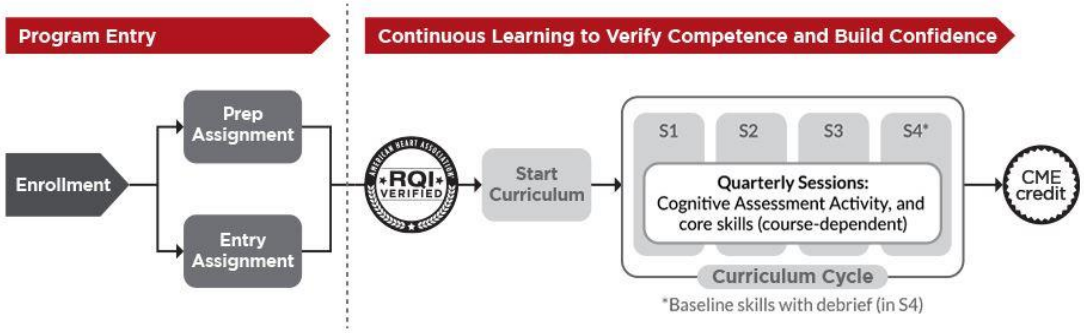
- RQI terminology
- Access to the RQI stations
- Communication
- Accountability

Student Success

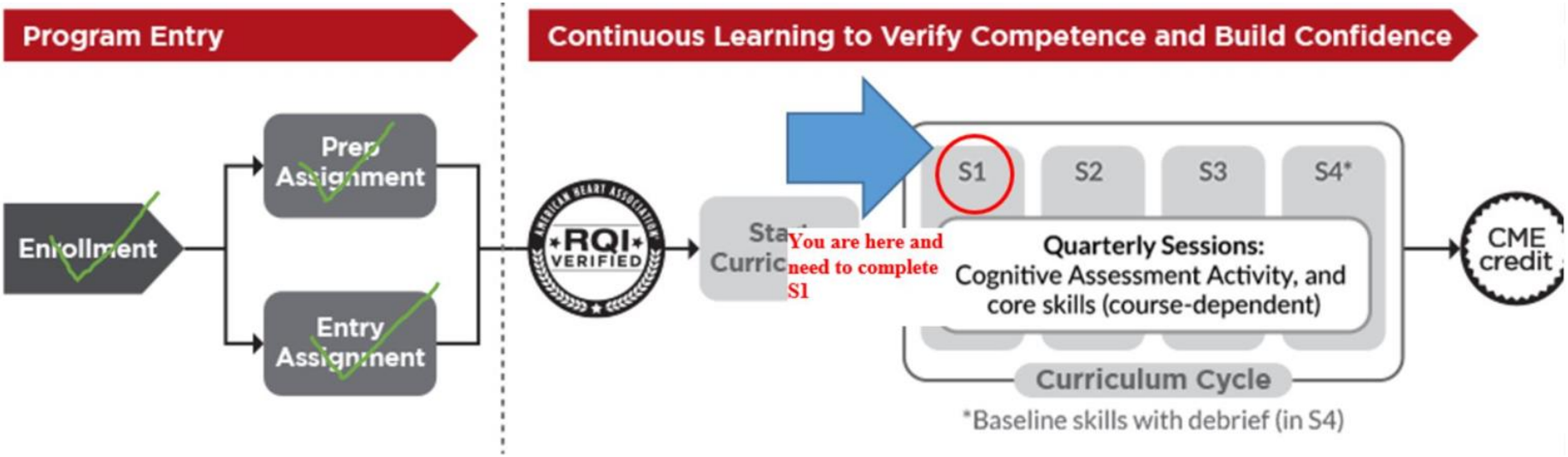


- https://mediaspace.itap.purdue.edu/id/1_0ejevw6b

The Learner Journey



Detailed description of the chart



Student Success

Where am I in my RQI progress?

	Modules to Complete			
	June 2022	July – September 2022	October – December 2022	January – March 2023
Started June 2022	Prep Course	Session 1	Session 2	Session 3
Started July-Sept 2022	NA	Prep Course	Session 1	Session 2
Started October – Dec 2022	NA	NA	Prep Course	Session 1
Started January – March 2023	NA	NA	NA	Prep Course
NOTE: In order to progress to the next module you must complete the e-learning and hands-on skills prior to opening the next module				

RQI RESUSCITATION QUALITY IMPROVEMENT®

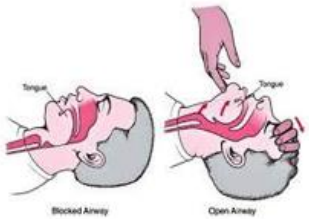
An American Heart Association® and Laerdal® Program

Purdue University Northwest CPR Hands-on Skills Validation Instructions

1) Open Drawer and remove child and adult ambu bags
2) Turn on computer
3) Log-on to Brightspace
4) Open RQI course
5) Click "Content" tab
6) Click "pre-assignment"
7) Click "manikin activity" then follow the prompts

Tips

1) Review proper positioning for chest compression and ventilation
2) During evaluation listen to the feedback provided by the computer
3) Look for green on the computer this will tell you if you are on track
4) Airway reminders:
   - Chin lift



   - Positioning of the mask

   - Look for chest rise
   - If you are struggling with ventilation most likely you need to lift the chin or do not have a good mask seal around the face

VB 6/28/22

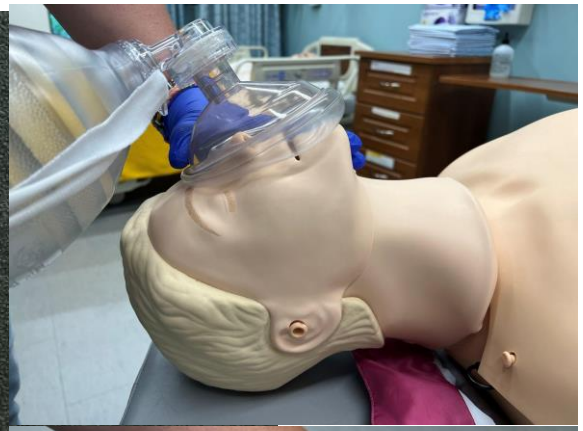
Student Accountability

- 2- year CPR

VS

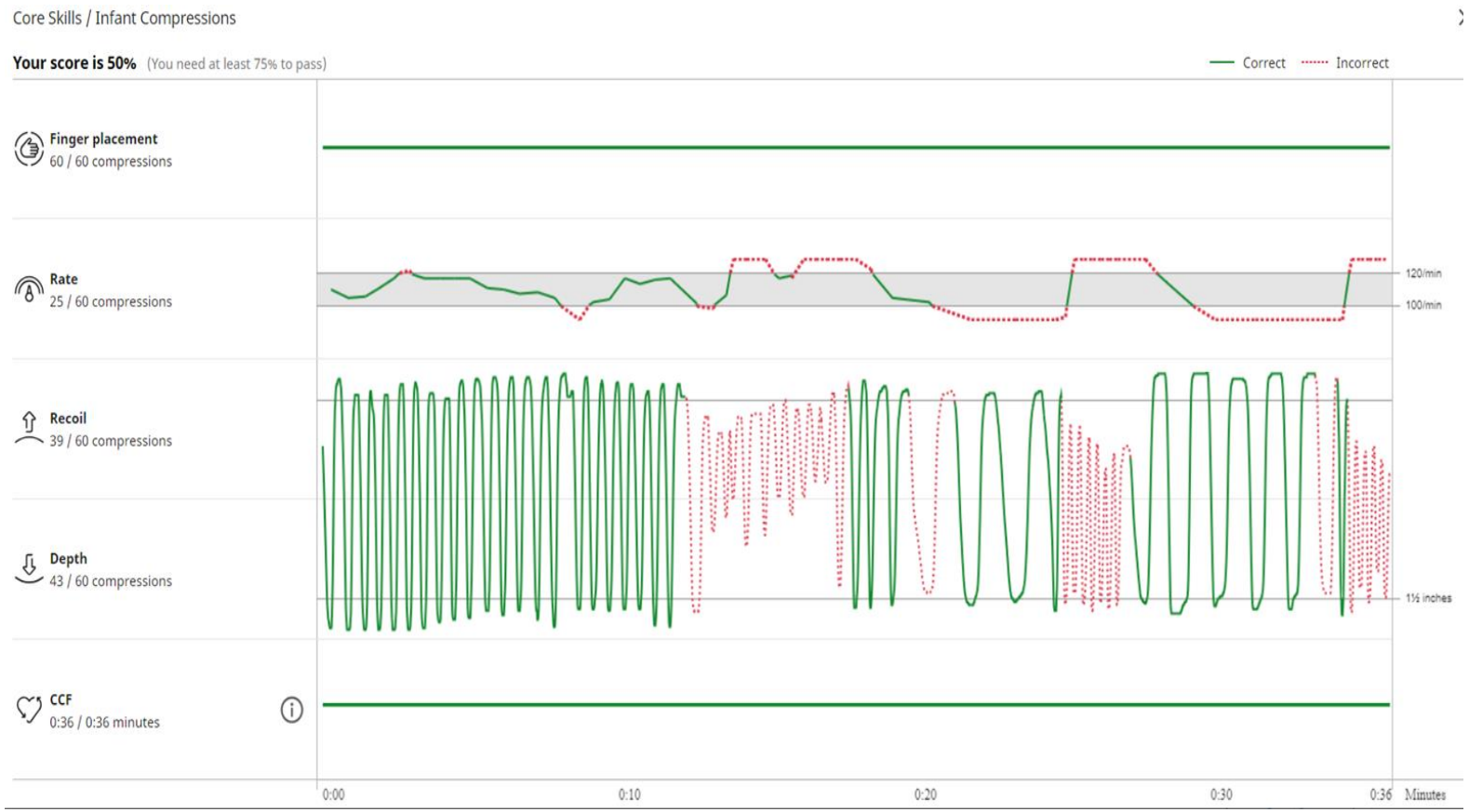
- Quarterly CPR

You Want Me to Do WHAT!?



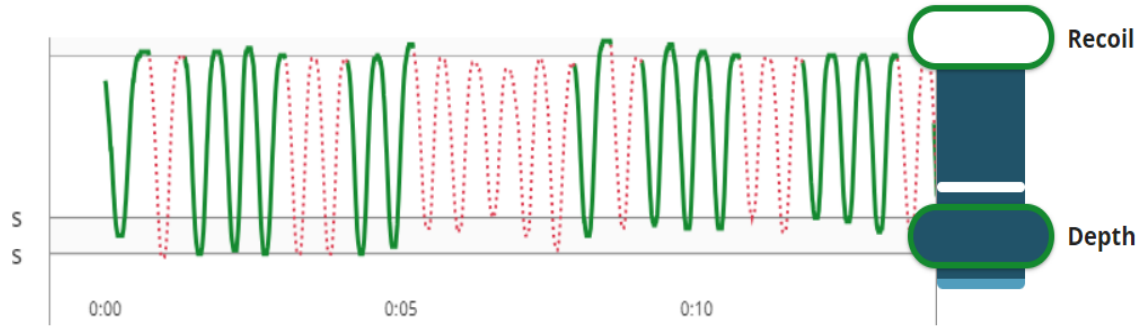
Feedback to Students

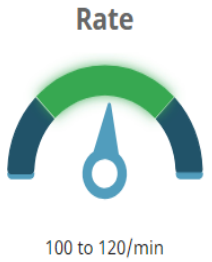
Chest Compression



Feedback to Students

Chest Compression





That's right

Feedback to Students

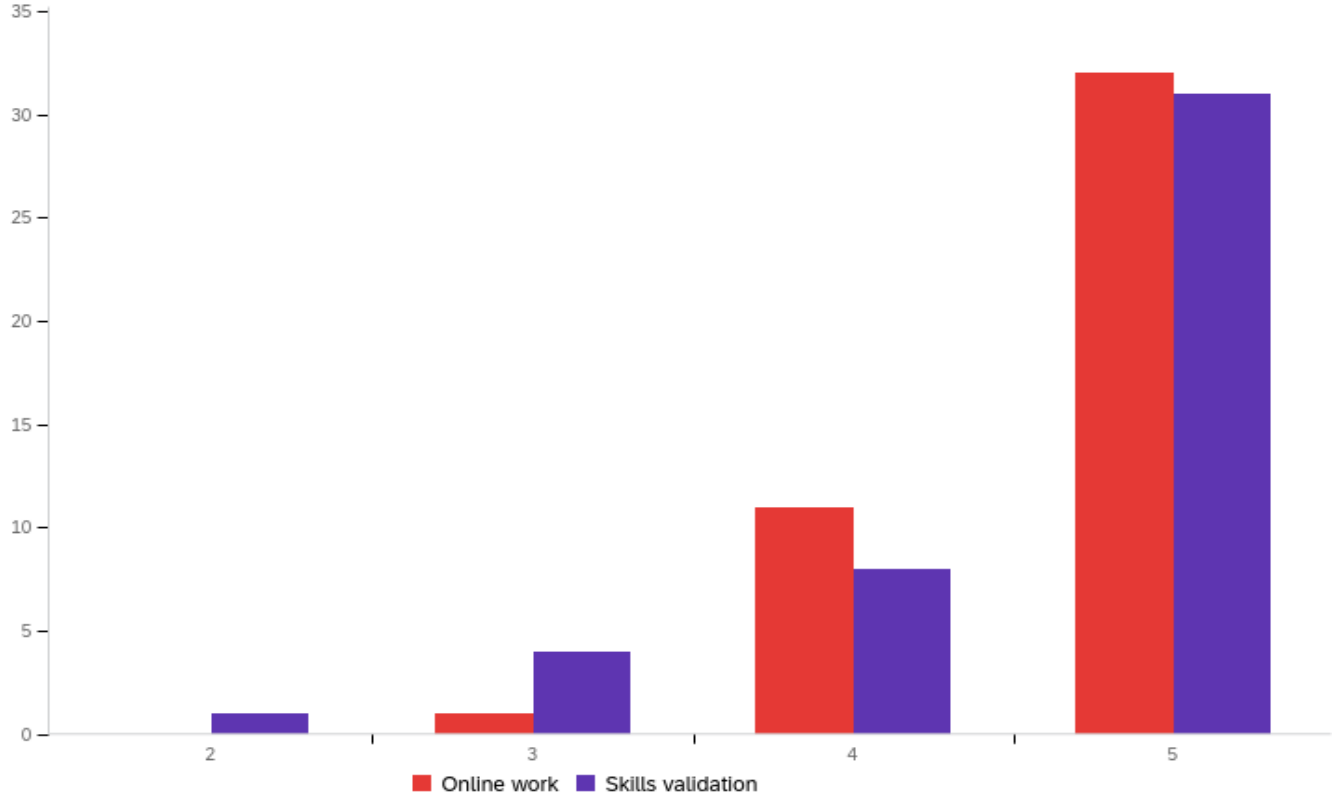
Ventilation

Challenges with Compliance

- Students are dropped from NUR courses for non-compliance
- Student major changes, course changes, and registration
- Re-instating grades
- Management of tasks

Student Feedback

Q1 - How would you rate your experience with completing RQI? 5 stars the best experience, 1 star needs work



Implications for Nursing

- Evidence-based and competency-based
- Hospital Vs Academia
  - Management
  - Space
  - Learners
  - Consequences
- Opportunities for community

Implications for your Program

- Do you think your students could benefit from RQI?
- Which scheduling method would fit your program the best?
- How might your program handle non-compliance

Thank you!

Questions?