
Next Generation of HESI Remediation



NEXT GENERATION OF HESI REMEDIATION

Remediation Settings & Options

- Following a HESI Exam, students will have access to individualized remediation.
- Settings for how this remediation is delivered are located in the exam scheduling page. You have the option to set up remediation material to be delivered in its entirety, or classified as either Essential or Recommended, to help students prioritize. These parameters differentiate content between Essential remediation (remediation with a due date) and Recommended remediation (remediation without a due date) for all students.
- If you only wish to make remediation available without defining Essential packets, simply add the desired benchmark to the first score box.
- If you wish to use both the Essential and Recommended categories, select the “Enable Essential packets” option and enter both the maximum number of Essential packets you want the system to deliver, and a due date for completing the remediation packets identified as Essential; Recommended packets will not be held to this due date.
- The system will select the highest priority items and deliver those packets, identified as Essential, based on the quantity entered.


Example


Concept benchmark score
 Students will automatically receive recommended packets for each concept where they score

Less than

Enable essential packets
 HESI will prioritize essential packets to help students focus on their weakest concepts.

Max packets

 **Set a due date**

 CDT

- In the example above, with a score set at 900 (in the first box), students will receive Recommended packets for any remediation content areas in which they score below a 900.
- Students will receive no more than 10 packets (in this example) identified as Essential. These will be the areas which are systematically deemed the highest priority (see *Presentation and Prioritization of Remediation Packets* section later in this document). These packets also have a due date by which students must complete remediation. Faculty can set the maximum packet number and the due date for these Essential packets. Only Essential packets will be tied to the set due date.

Student Remediation

The example below reflects the student remediation display when receiving both Essential and Recommended packets.

Remediation example

Exam Term 1 – 2018, July 1st

Essential (3)

<p>Medical-Surgical Cardiac</p> <p>HESI Score 0 Due 7/15/2018</p>	<p>Medical-Surgical Endocrine</p> <p>HESI Score 0 Due 7/15/2018</p>	<p>Critical Care Cardiovascular</p> <p>HESI Score 840 Due 7/15/2018</p> <p>✓ Done!</p>
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Recommended (7)

<p>Critical Care GI</p> <p>HESI Score 860</p>	<p>Gerontology Hematologic</p> <p>HESI Score 855</p>	<p>Gerontology Integument</p> <p>HESI Score 880</p>
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Understanding Your Students' Remediation

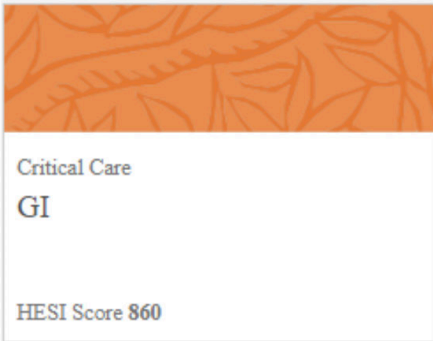


After their HESI exam, remediation is delivered to each student based on their individual weakest performing areas. Packets are structured based on the remediation content categories; this allows for material supporting the remediation efforts of the associated remediation category to be grouped together.

Presentation and Prioritization of Remediation Packets

Student remediation packets are displayed based on the highest priority items. The highest priority packets will be presented first, in the upper left, and will continue in order of priority with the lowest being in the bottom right. Psychometricians, along with Nurse Educators, designed an algorithm to individualize each student's remediation. Packets are sorted based on the sum of the item difficulties for the items answered incorrectly. Therefore, the top packets displayed have a greater sum of item difficulties for the times answered incorrectly, rather than the bottom packets.

Sample of student remediation presented in packets

Recommended (7)

 <p>Critical Care GI HESI Score 860</p>	 <p>Gerontology Hematologic HESI Score 855</p>	 <p>Gerontology Integument HESI Score 880</p>
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After the student selects a packet, they will immediately see a pre-knowledge check. These are included in each packet and must be taken prior to remediation materials being delivered. This is a brief, unscored set of questions that students should take seriously. While unscored, the questions help the system further refine content areas to reflect each student's weak areas and deliver appropriate content to address those areas.

Sample of pre-knowledge check, which helps deliver appropriate materials in the packet.

Knowledge Check

Developmental

You missed 1 out of 1 questions on your exam related to Developmental.


Let's try 3 questions so that we can recommend some personalized materials to help you improve.

Start **Done**

Please note: Knowledge checks are not intended to have grades assigned to them. Rather, knowledge checks should be an indicator as to whether or not a student is grasping the concept more fully.

Upon completing the pre-knowledge check, the system delivers content deemed most appropriate to help students remediate their weakest areas. Remediation materials include content and activities intended to help address those areas in which students performed below the faculty-identified scoring benchmarks on their exam. Materials are categorized by item type and include approximate time to complete to help students remediate according to their schedules.

Collaboration/Managing Care



Great!
You'll get a chance to see your results later. First, review some content and then take the knowledge check again to complete the packet.

✓ **Textbook Excerpts**

- ✓ **Clinical Nursing Skills & Techniques, Edition 8**
Procedural Steps
6 min
- ✓ **Fundamental Concepts and Skills for Nursing, Edition 4**
The Nursing Process
14 min
- **Nursing Interventions & Clinical Skills, Edition 6**
Procedural Steps
6 min
- **Nursing Interventions & Clinical Skills, Edition 6**
Assessment
7 min
- **Professional Nursing, Edition 8**
The Nursing Process: A Universal Intellectual Standard
18 min

✓ **Quizzes**

- **Practice Quiz**
10 min

When you're ready, retake the knowledge check to complete the packet.

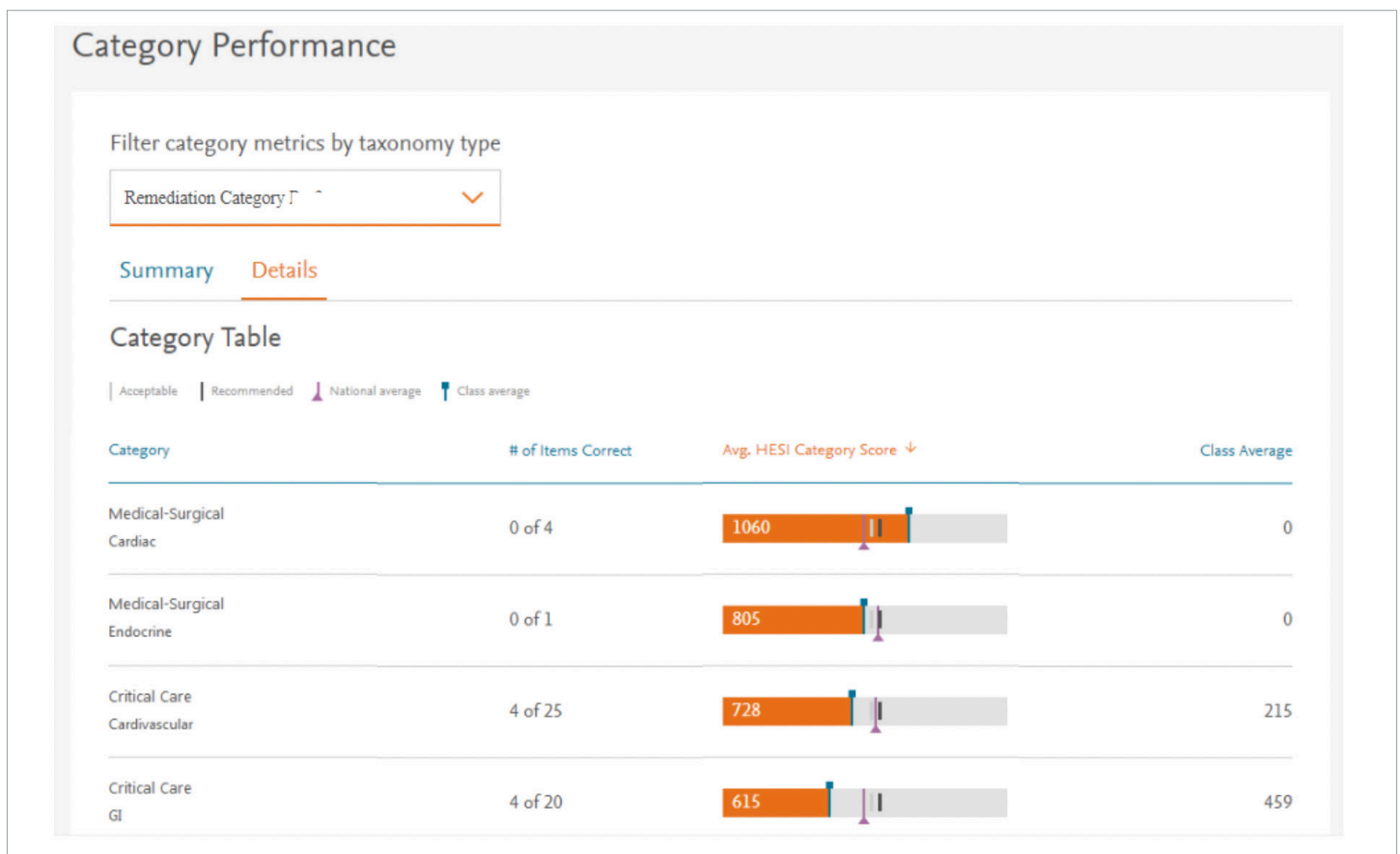
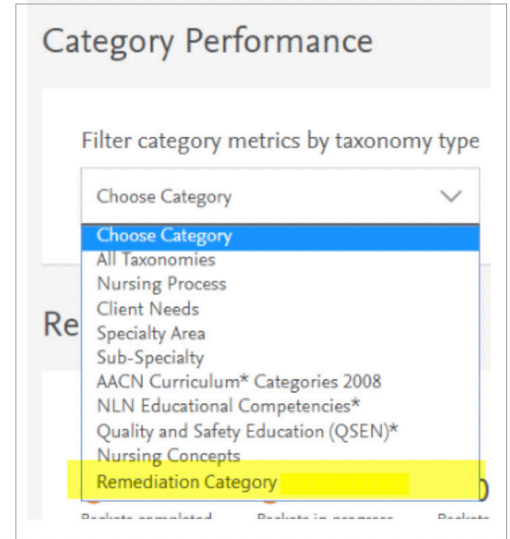
Retake Knowledge Check

Once students have studied the materials provided and feel confident, they take the post-knowledge check to assess their new level of understanding and see how effectively they remediated. Once a student completes this post-check, the system automatically classifies this packet as complete and marks it “done”.

Interpreting Student Remediation Performance

Remediation Reporting

A new report type is available to clarify the provided remediation. This “Remediation Category” report outlines each remediation category in more detail and ties it back to more granular, related sub-categories and associated scores. This will better equip you to advise on areas of study, if deemed necessary.



Interpreting Student Remediation Performance – Faculty View

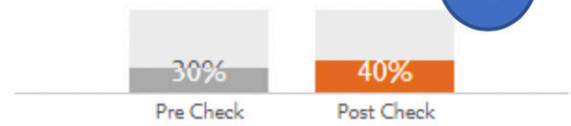
Remediation Performance

Based on the 4 students you selected

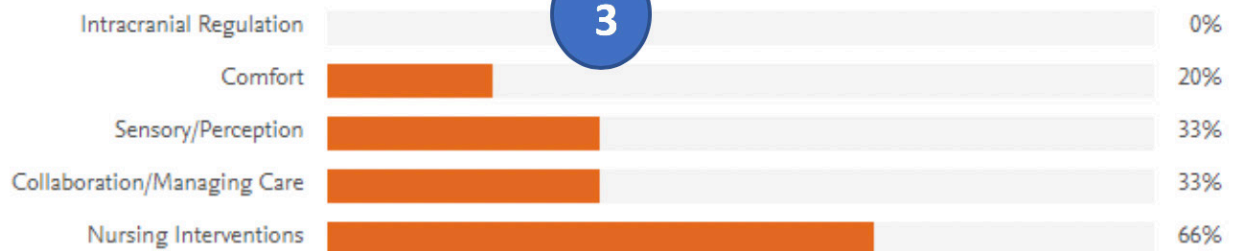
Remediation Summary



Average Results On Completed Packets



5 Lowest Post Remediation Results



1. Remediation Summary

Students completed	<ul style="list-style-type: none"> • This number reflects how many students, based on your selections in the system’s dropdown options, have completed all their remediation packets. • The system considers a packet complete and marks it as “done” once a student has entered into, and completed, BOTH the pre- and post-knowledge checks. • Please note: Content and activities are provided in each packet to assist with the student’s knowledge acquisition and retention. While this is intended to support performance on the post-knowledge check, they are not required for a packet to be considered complete and marked “done”.
Students in progress	<ul style="list-style-type: none"> • This number represents how many students, in the specified filters, are still engaging in remediation. • Students may have completed some packets but have not started or are still reviewing other materials.
Students not started	<ul style="list-style-type: none"> • This number represents the number of students not yet engaged in remediation.
Average time spent per student	<ul style="list-style-type: none"> • This is a calculation which reflects how long, on average, students have spent remediating. • Time is only captured when students are engaged in the material provided (i.e., time spent reading the content). • Knowledge checks (pre and post) are not included in the time metric as these are not considered remediating, but rather are a tool to help gauge the effectiveness of their time spent on the remediation material.

2. Average Results on Completed Packets

Average pre- and post-check scores for the cohort are displayed here. This section offers insights into how effectively your students are remediating. Student performance should improve after spending time studying the remediation material provided.

3. Lowest Post Remediation Knowledge Checks

This illustrates the areas that remain the weakest, based on the post-remediation knowledge checks, which may necessitate further instruction or remediation.

Interpreting Student Remediation Performance – Student View

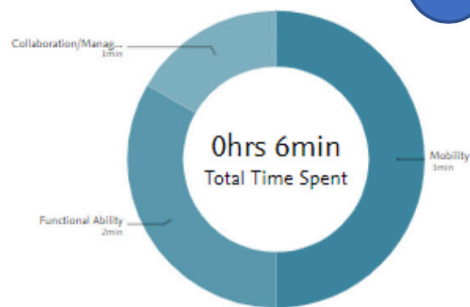
Remediation Progress

Remediation Summary

✓ 2 Packets completed
 ○ 4 Packets in progress
 • 11 Packets not started
 🕒 0min Avg. time spent on each remediation packet

1

Remediation Time Spent



3

Average Results On Completed Packets



2

Remediation Details

4

Packet	Pre Packet Results	Post Packet Results	Difference	Time Spent
✓ Mobility	0%	75%	75%	3mins
✓ Sensory/Perception	33%	33%	0%	0mins
○ Collaboration/Managing Care	0%	-	-	1mins

1. Remediation Summary

Same as outlined above (on faculty side), only specific to the individual student.

2. Average Results on Completed Remediation Packets

Same as outlined above (on faculty side), only specific to the individual student.

3. Remediation Time Spent

This is a breakdown of where this individual student has spent their time remediating. Remediation time is defined as the time a student spends engaging in the materials provided after the pre-knowledge check. Student engagement in the materials is the only recognized time and therefore the only measure reported in this metric. Only engaging with the pre- and post-knowledge checks will register as zero time spent in the system, and therefore on the dashboard.

4. Remediation Details

This provides linear reporting of performance on individual packets specific to each student. Includes scoring on pre- and post-knowledge checks, improvement from pre-check, and their time spent remediating the category materials.