

# Licensure Pass Rate Improvement Plan Updates

Bachelor of Nursing (BSN) Program

Doctor of Physical Therapy (DPT) Program

Doctor of Pharmacy (PharmD) Program

FAMU Board of Trustees  
Academic and Student Affairs Committee Meeting  
April 27, 2022



## Focus

- Updates on Progress to Achieve and Sustain Academic Excellence in FAMU's Health Professions Programs
- Timely Updates

## Today's Meeting

- Testing and Preparation
- Key Updates
  - Accreditation

## **Diagnostics**

Exam or other assessment used to determine the extent to which students have mastered specific content; imbedded in courses and aligns to curriculum mastery

## **Clinical Preparation**

Targeted activities and/or courses designed to prepare students for clinical training

## **Licensure Exam Preparation**

Exams and study materials that specifically prepare students to sit for licensure exams; covers all required content (as opposed to diagnostics)

## **Comprehensive Preparation**

End-of-program exam used to assess student mastery of content that will be included on the licensure exam

# DPT Testing (1/5)

	Pre-Entry	PY1	PY2	PY3
Diagnostic	<b>ExamMaster</b> (summer prior to arrival)	<b>TrueLearn</b> (summer at end of 1st year)	<b>TrueLearn</b> (end of fall and spring)	
Clinical Preparation			<b>PT Clinical Performance Instruments</b> (summer)	<b>PT Clinical Performance Instruments</b> (spring)
Licensure Exam Preparation				<b>TherapyEd</b> (fall) <b>Final Frontier</b> (spring)
Comprehensive Exam				<b>Practice Exam &amp; Assessment Tool (PEAT)</b> (spring)

	Pre-Entry	PY1	PY2
Diagnostic	<p><b><u>ExamMaster</u></b> Digital testing designed to assist students (and faculty) with identifying knowledge gaps in core foundational subjects prior to entering the program</p> <ul style="list-style-type: none"> <li>• 160 questions; 2.5 hours</li> <li>• Administered during summer term prior to arrival</li> <li>• Introduces students to board-style testing</li> <li>• Remediation provided</li> </ul>	<p><b><u>TrueLearn</u></b> Given digitally, access to 950+ practice questions mapped to the NPTE content</p> <ul style="list-style-type: none"> <li>• 75 questions; 2.5 hours</li> <li>• Administered at end of first year in <i>Clinical Decision Making I</i></li> <li>• Covers all didactic content from first three semesters</li> <li>• Serves as final exam grade</li> <li>• <math>\geq 80\%</math> = passing score</li> <li>• Remediation and re-testing provided</li> <li>• Failure in re-testing will delay progression</li> </ul>	<p><b><u>TrueLearn</u></b></p> <ul style="list-style-type: none"> <li>• Administered in <i>Clinical Decision Making II</i> (fall) and <i>III</i> (spring)</li> <li>• Covers Body Systems (e.g., Musculoskeletal) and Nonsystems (e.g., Equipment)</li> <li>• Serves as final exam grade in both courses</li> <li>• <math>\geq 80\%</math> = passing score</li> <li>• Remediation and re-testing provided</li> <li>• Failure in re-testing will delay progression</li> </ul>

	PY2	PY3
Clinical Preparation	<p><b><u>PT Clinical Performance Instruments</u></b> Tool used to assess clinical skills during clinical rotations</p> <ul style="list-style-type: none"><li>• Administered in <i>Clinical Education II</i></li><li>• Hands-on and skills check-off assessment under the observation of a licensed physical therapist</li><li>• Failure to pass PT-CPI assessments results in re-assignment and/or repeat of clinical rotation</li></ul>	<p><b><u>PT Clinical Performance Instruments</u></b></p> <ul style="list-style-type: none"><li>• Administered in <i>Clinical Education III &amp; IV</i></li><li>• Hands-on and skills check-off assessment under the observation of a licensed physical therapist</li><li>• Failure to pass PT-CPI assessments results in re-assignment and/or repeat of clinical rotation</li></ul>

## PY3

### Licensure Exam Preparation

#### TherapyEd

Given digitally, along with a comprehensive review of physical therapy content, study and test-taking strategies

- Administered in *Professional PT Practice* at beginning, mid-term, and end of fall term of final year
- 3 exams; 200 questions each; 4 hours
- $\geq 80\%$  = passing score
- Remediation and re-testing provided
- Failure to pass may delay progression to Clinical Education IV

#### Final Frontier

Given digitally as a multiple month, self-study review course with over 30 video recorded lectures covering the full NPTE blueprint, a detailed daily study guide with all readings provided, along with comprehensive NPTE style testing

- Self-paced; access to materials given during 8th semester (spring) while on rotation (*Clinical Education IV*)
- 2 exams; 250 questions each; up to 5 hours per exam

## PY3

### Comprehensive Exam

#### Practice Exam & Assessment Tool (PEAT)

Given digitally, as a timed, computer-based, multiple-choice practice exam for NPTE candidates. Uses questions from retired NPTE and other questions similar to those on the actual exam

- Administered in *Clinical Education IV* at end of final semester
- Serves as the program's final comprehensive exam
- 2 exams; 250 questions each; 5 hours
- $\geq 80\%$  = passing score
- Failing score requires remediation and re-testing in 5 days
- Failure in re-testing will delay graduation from program, require remediation and re-testing after 8 weeks



# PharmD Testing (1/6)

	PI	P2	P3	P4	Post-Graduation
Diagnostic			Pharmacy Curriculum Outcomes Assessment (PCOA) (spring)		
Clinical Preparation			Pre APPE-Readiness Course (spring)		
Licensure Exam Preparation				RxPrep	Pre-NAPLEX
Comprehensive Exam				Comprehensive Exam (spring)	

## P3

### Pharmacy Curriculum Outcomes Assessment (PCOA)

Standardized test that is used to assess students' mastery of content and to evaluate the program's curriculum

### Diagnostic

- Administered in Pre-APPE readiness course
- Cumulative assessment of the didactic curriculum
- 225 questions covering four areas
- Accounts for 25% of final course grade
- Passage allows for progression to the P4 year
- Learners receive their personal score reports in early summer
- Scores generally correlate with licensure exam results

## P3

### Pre APPE-Readiness Course

The purpose of this course is to ensure that the learner has achieved competency in educational concepts integrated throughout the curriculum and assess their readiness to enter Advanced Pharmacy Practice Experiences (APPE). This course provides active learning activities, assessments, and objective structured clinical examinations (OSCEs) that evaluate clinical competence and stimulates learner responsibilities during an APPE.

### Clinical Preparation

- Various assessments administered throughout the course
- Pass/fail course
- Passing score required on each assessment to pass course
- Students engage in remediation activities until the assessment(s), or approved equivalent, is satisfactorily completed
- Progression to advanced experiential courses is contingent on demonstration of competency in all areas of assessment

## P4

### RxPrep

The College provides the RxPrep NAPLEX Course book and Online Access for entering P4 learners; contains all of the essential content for the licensure exam.

### Licensure Exam Preparation

- The Online Course contains 80+ Video Lectures that correspond with each chapter in the NAPLEX Course Book
- 3700+ practice questions in the RxPrep Test Bank
- Study guides are provided for P4 learners enrolled in *Clinical Seminar* and *Research Methods I, II, and III*
- Requirement for students enrolled in *Clinical Seminar* and *Research Methods* to take biweekly examinations per the study guide
- College provides an RxPrep 3-day Live NAPLEX Review in March/April
- Following the review, the learners engage in self-directed study for the remainder of the month

## P4

### Comprehensive Exam

#### Comprehensive Exam

Administered through RxPrep and is a compilation of all didactic coursework and experiential training concepts.

- Administered at end of final semester (not part of a course)
- 100 questions; 2.5 hours
- $\geq 75\%$  = passing score (required for graduation)
- Learners have 3 attempts before graduation; 2 additional attempts will be allowed in subsequent semesters
- Scored by RxPrep database; learners receive scores immediately upon completion of the exam

	Post-Graduation
<b>Licensure Exam Preparation</b>	<p data-bbox="1426 392 1681 435"><b><u>Pre-NAPLEX</u></b></p> <p data-bbox="637 449 2420 621">NAPLEX practice exam developed by the National Association of Boards of Pharmacy (NABP). Contains questions from previous licensure exams to assist with acclimation to the format of the NAPLEX.</p> <ul data-bbox="637 692 2446 921" style="list-style-type: none"><li>• Taken after graduation when graduates are ready to sit for the NAPLEX</li><li>• 100 questions; 2.2 hours</li><li>• Scored by NABP database; learners receive scores immediately upon completion of the exam</li></ul>

# Nursing Testing (1/8)

	Pre-Entry	Level 1	Level 2	Level 3	Level 4	Level 5	End of Program
Diagnostic	Test of Essential Academic Skills (TEAS)	ATI Content Mastery Exams	ATI Content Mastery Exams (various courses)	ATI Content Mastery Exams (various courses)	ATI Content Mastery Exams (various courses)	ATI Content Mastery Exams (various courses)	
Clinical Preparation		NEW - Lab Skills & Test-taker Skills	Semester Skills & Testing Refresher	Semester Skills & Testing Refresher	Semester Skills & Testing Refresher	Semester Skills & Testing Refresher	
		Simulation Orientation	Simulation	Simulation	Simulation	Simulation	
Comprehensive Exam						Comprehensive Predictor	
Licensure Exam Preparation						Virtual ATI Predictor	Living Learning Community

- Each “Level” is one semester
- All SON exams simulate the NCLEX

## Pre-Entry

### Test of Essential Academic Skills (TEAS)

Computerized testing designed to identify knowledge gaps in core foundational subjects to determine readiness for success in the first year of the nursing program.

#### **TEAS Version 7 (2021) will begin June 2022**

- Multiple-Choice Item Types: includes charts, exhibits, and graphics
- Alternate Item Types: Select all that apply; Fill in the blank, Hot Spot, Ordered Response items
- No Partial credit will be given

#### **Sections:** *Proficiency is required in each section*

- Reading (39 Questions)
- English & Language Usage (33 Questions)
- Math (34 Questions) - Algebra, Measure & Data
- Science (44 Questions) - A&P, Biology, Chemistry, Scientific Reasoning

**Piloting Summer 2022** - TEAS Test to be given in First Year Experience course

**Part of Admission Criteria:** Students typically test in Sophomore year

- Students are able to take the test only 3 times in one calendar year

Diagnostic



	Level 1	Level 2	Level 3
<b>Diagnostic</b>	<p><b><u>ATI Content Mastery Exams</u></b>  <b>Critical Thinking – Pretest</b>                      (content area)</p> <ul style="list-style-type: none"> <li>• Course: <i>Promoting and Maintaining Wellness</i></li> <li>• 90% of Student will attain Level 2 proficiency</li> <li>• 60 Multiple choice items</li> </ul>	<p><b><u>ATI Content Mastery Exams</u></b>  <b>Fundamentals</b></p> <ul style="list-style-type: none"> <li>• Course: <i>Med-Surg I</i></li> <li>• 90% of Student will attain Level 2 proficiency</li> <li>• 60 Multiple choice items</li> </ul>	<p><b><u>ATI Content Mastery Exams</u></b>  <b>Maternal-Newborn</b></p> <ul style="list-style-type: none"> <li>• Course: <i>Nursing Care of Women</i></li> <li>• 90% of Student will attain Level 2 proficiency</li> <li>• 60 Multiple choice items</li> </ul>
		<p><b><u>Mental Health</u></b></p> <ul style="list-style-type: none"> <li>• Course: <i>Mental Health</i></li> <li>• 90% of Student will attain Level 2 proficiency</li> <li>• 60 Multiple choice items</li> </ul>	<p><b><u>Community/Population Health</u></b></p> <ul style="list-style-type: none"> <li>• Course: <i>Promoting Health of Populations</i></li> <li>• 90% of Student will attain Level 2 proficiency</li> <li>• 50 Multiple choice items</li> </ul>

**Level 1 Proficiency:** Meeting the Proficiency Level 1 standard can be considered to meet the absolute minimum expectations for performance in this content area. Scores at this level were judged by the content expert panel to indicate a student as likely to just meet NCLEX-RN® standards in this content area.

**Level 2 Proficiency:** Meeting the Proficiency Level 2 standard can be considered to exceed minimum expectations for performance in this content area. Scores at this level were judged by the content expert panel to indicate a student as fairly certain to meet NCLEX-RN standards in this content area.

**NOTE:** *Content Mastery Textbooks are provided for each examination online and as hardcopies*

	Level 4	Level 5
<b>Diagnostic</b>	<b><u>ATI Content Mastery Exams</u></b> <b>Med/Surg</b> <ul style="list-style-type: none"> <li>Course: <i>Advanced Med-Surg</i></li> <li>90% of Student will attain Level 2 proficiency</li> <li>90 Multiple choice items</li> </ul>	<b><u>ATI Content Mastery Exams</u></b> <b>Leadership</b> <ul style="list-style-type: none"> <li>Course: <i>Leadership</i></li> <li>90% of Student will attain Level 2 proficiency</li> <li>60 Multiple choice items</li> </ul>
	<b>Peds</b> <ul style="list-style-type: none"> <li>Course: <i>Care of Children</i></li> <li>90% of Student will attain Level 2 proficiency)</li> <li>60 Multiple choice items</li> </ul>	<b>Nutrition for Nursing</b> <ul style="list-style-type: none"> <li>Course: <i>Professional Transition Practicum</i></li> <li>90% of Student will attain Level 2 proficiency</li> <li>60 Multiple choice items</li> </ul>
		<b>Pharmacology</b> <ul style="list-style-type: none"> <li>Course: <i>Professional Transition Practicum</i></li> <li>90% of Student will attain Level 2 proficiency</li> <li>60 Multiple choice items</li> </ul>

	Level 1	Level 2	Level 3	Level 4	Level 5
<h2>Clinical Preparation</h2>	<p style="text-align: center;"><b><u>New Skills</u></b></p> <ul style="list-style-type: none"> <li>• Course: <i>Foundations of Clinical Practice</i></li> <li>• Fundamentals skills test out:                             <ul style="list-style-type: none"> <li>- 90% of students pass on the first attempt</li> </ul> </li> <li>• Med-Calc:                             <ul style="list-style-type: none"> <li>- 90% of students pass on the first attempt</li> </ul> </li> </ul>	<p style="text-align: center;"><b><u>Semester Skills Refresher</u></b></p> <ul style="list-style-type: none"> <li>• Fundamentals skills test out:                             <ul style="list-style-type: none"> <li>- 90% of students pass on the first attempt</li> </ul> </li> <li>• Med-Calc:                             <ul style="list-style-type: none"> <li>- 90% of students pass on the first attempt</li> </ul> </li> </ul>			<p style="text-align: center;"><b><u>Semester Skills Refresher</u></b></p> <ul style="list-style-type: none"> <li>• Course: <i>Professional Career Development</i></li> <li>• Level 5 Students Lead Underclassmen Semester Skills Refresher</li> <li>• Course: <i>Professional Transition Practicum</i></li> <li>• Focused skills test out:                             <ul style="list-style-type: none"> <li>- 90% of students pass on the first attempt</li> </ul> </li> <li>• Med-Calc:                             <ul style="list-style-type: none"> <li>- 90% of students pass on the first attempt</li> </ul> </li> </ul>
	<p style="text-align: center;"><b><u>Simulation Orientation</u></b></p> <ul style="list-style-type: none"> <li>• Course: <i>Professional Nursing Concepts</i></li> </ul>	<p style="text-align: center;"><b><u>Simulation</u></b></p> <ul style="list-style-type: none"> <li>• Simulation (all clinical courses)</li> <li>• 90% of students pass with "S" on the first attempt</li> </ul> <p style="text-align: center; color: red;">**Clinical judgment assessment part of simulation evaluation</p>			

## Level 5

### Comprehensive Predictor

Administered through Assessment Testing Institute (ATI). The examination tests the students' competencies based on content learned across the entire BSN curriculum.

- Prior to the Comprehensive Predictor the SON provides a 4-day Live Review from ATI
- 180 questions; 3 hours
- Proficiency Level = passing score (required for graduation)
- Students have 2 attempts before graduation (the two scores are averaged to determine proficiency)
- If passing score is not attained: Senior Seminar must be repeated and 2 additional attempts will be allowed in subsequent semesters

**Comprehensive Exam**  
**(Simulates NCLEX)**

## Level 5

### Virtual ATI (VATI) Predictor

- Each student receives a Virtual ATI Coach, who is an experienced nurse educator
  - Students must work through specialized content and take assessments to identify their areas of deficits. Then the students remediate and demonstrate proficiency before moving to the next level.
  - Students must review and pass all levels before being approved to take the VATI Predictor
  - Passing the VATI gives the students “Green Light” status
- Access to ‘Board Vitals’ which is a test bank w/ over 3000 questions w/ 30% in alternate formats using adaptive quizzes.
  - *Graduates have access for 12 weeks*
- The SON provides a 4-day Live Review from ICAN
- Following the review, the learners engage in self-directed study until they sit for the licensure exam; they are provided a detailed 5-week post-graduation study plan

## Licensure Exam Preparation

## End of Program Living Learning Community

### Licensure Exam Preparation

- Students receive 5 days of group review:
  - Assistance with scheduling the NCLEX-RN Examination
  - Test taking strategies review
  - Content review
  - Practice with NCLEX test questions
  - Individual study plans
  - The SON provides a 4-day Live Review from ICAN
- Following the review, the learners engage in self-directed study, using the individualized study plans until test day

## Pharmacy

- Interim Report (was due April 15)

## Nursing

- ACEN onsite review update (held April 20-21)

# Questions?



## FLORIDA A&M UNIVERSITY

Founded in 1887 as the State Normal College for Colored Students, Florida Agricultural and Mechanical University (FAMU) is the only historically state supported educational facility for African Americans in Florida. It has always been co-educational. In 1890, the second Morrill Act was passed. This enabled the school to become the Black Land Grant College for the State of Florida. west of its original location