

# Engage Fundamentals



*Table of Contents*

DESCRIPTION	3
MODULES AVAILABLE AND TIME	3
FEATURES	5
BENEFITS	6
RECOMMENDED USE	7
IMPLEMENTATION STRATEGIES	7
REPORTING FEATURES	9
ADDITIONAL RESOURCES	9
PRODUCT SUPPORT	10

## Description

*Engage Fundamentals* is a first-of-its-kind, fully-interactive solution that truly engages students and enhances learning. This 40-lesson alternative to students’ dusty, dull, heavy fundamentals textbooks equips students with modules that are broken into easy-to-digest segments of content and interwoven with rich multimedia graphics, videos, and engaging activities that help students apply their learning. Plus, students find clarity in consistent skills techniques with embedded videos from ATI’s Skills Modules 3.0 and through practice with active EHR documentation from ATI’s fully integrated EHR Tutor.

## Modules Available and Time

The times below are based on module lesson content and activities, including skills with rationale, videos, and checklists if available in the lesson.

<i>Engage Fundamentals</i> Module	Time Spent (minutes)	
	Lesson Benchmark	Test Benchmark
<b>NURSING PRACTICE</b>		
Nursing Foundations	60	20
Scope and Standards of Practice	60	14
<b>HEALTH CARE SYSTEMS</b>		
Health Care Delivery	60	23
Health Promotion, Wellness, and Disease Prevention	60	13
Health Policy	60	11
<b>PROFESSIONAL NURSING</b>		
Communication	60	21
Documentation	60	20
Ethical and Legal Considerations	60	20
Professionalism and Leadership	60	23
<b>CLINICAL DECISION-MAKING</b>		
Clinical Judgment Process	60	10
Priority-Setting Frameworks	60	15
Managing Client Care	60	9

Time Spent (minutes)

<i>Engage Fundamentals</i> Module	Lesson Benchmark	Test Benchmark
<b>FOUNDATIONAL CONCEPTS OF NURSING PRACTICE</b>		
Collaboration and Teamwork	60	15
Evidence-Based Practice	60	15
Informatics	60	15
Patient-Centered Care	60	10
Quality Improvement	60	15
Safety	120	20
Infection Control and Isolation	180	25
Complementary and Integrative Health	60	20
Medication Administration	340	25
Mobility	150	25
Client Education	60	26
Vital Signs	150	58
<b>PSYCHOSOCIAL CONCEPTS FOR NURSING PRACTICE</b>		
Human Growth and Development	60	15
Inclusion, Equity, and Diversity	60	15
Grief	60	19
Self-Concept	60	10
Stress and Coping	60	20

Time Spent (minutes)

<i>Engage Fundamentals</i> Module	Lesson Benchmark	Test Benchmark
<b>PHYSIOLOGICAL CONCEPTS FOR NURSING PRACTICE</b>		
Comfort, Rest, and Sleep	60	24
End-of-Life Care	60	19
Elimination	260	30
Fluid, Electrolyte, and Acid-Base Regulation	200	30
Gas Exchange and Oxygenation	180	25
Hygiene	220	20
Nutrition	230	20
Pain	60	27
Sensory Perception	60	24
The Surgical Client	90	25
Tissue Integrity	190	25

*Features*

- Overview
  - Each module contains an overview that includes learning objectives and an introduction to the subject area.
- Lessons
  - Segmented and easy-to-digest content
  - Show/Hide In-Text Citations
  - Terms definitions with audio pronunciation
  - Active Learning Activities
  - Clinical Judgment Activities
- Nursing Skills Content
  - Included in modules: Mobility, Safety, Infection Control and Isolation, Medication Administration, Elimination, Fluid Electrolyte and Acid-Base Regulation, Gas Exchange and Oxygenation, Hygiene, Nutrition, The Surgical Client, Tissue Integrity, Vital Signs
  - Step-by-Step Skills with Rationales
  - Videos (available with most skills)
  - Checklists

- Case Studies with Active EHR Documentation
  - Included in modules: Documentation (read only), Client Education, Medication Administration, Elimination, Fluid Electrolyte and Acid-Base Regulation, Gas Exchange and Oxygenation, Pain, Tissue Integrity
  - EHR Charts can be submitted for Grading (except for Documentation)
- Fundamental Takeaways
  - End of module content summary
- Flashcards
  - Digital practice deck of terms
- Glossary
  - Module and All Modules terms
  - Audio pronunciation
- Test
  - Enable/Disable Tests
  - Enable/Disable Rationales
  - Enable/Disable Scoring
  - Student Test Results
  - Student Time Spent
  - Test Group Report
  - Test Individual Report
  - Combined Group/Individual Report
- Lesson Remediation
  - Students are directed back to the content areas for which they submitted incorrect and correct answers on test questions.

### *Benefits*

**Engaging, Segmented Content.** Provide students with all the fundamentals content they need in easy-to-digest segments that engage, provide practice, and promote retention using integrated multi-media, quizzes, case scenarios, gaming, and active learning activities aligned with learning outcomes.

**Fundamentals and Nursing Skills Consistency.** Students experience fundamentals content with ATI Skills Modules fully integrated throughout, so they receive consistent skills instructions as they go.

**Teach Clinical Judgement.** Content and learning activities around clinical judgment are threaded throughout lessons to help students understand and develop clinical judgment.

**Medical Terminology Glossary.** Students can hear audio pronunciation of medical terms to increase their confidence before entering clinicals.

**Visibility to Student Preparation.** Educators can assign lessons to students prior to class so they are prepared to engage in an active learning classroom. Reports provide educators visibility into students' engagement and time spent so they can prepare their class appropriately.

## Recommended Use

Engage students in foundational concepts by assigning modules to students as you would traditional reading assignments. Instead of only reading content, students are immersed in activities and clinical situations to engage them in active learning for deep-understanding and application.

Utilizing the ATI lesson plans, student self-reflection activities, and the clinical judgment case studies, faculty can incorporate individual, group, or class student activities into the face-to-face and/or online classroom.

## Implementation Strategies

### EXAMPLES FOR CLASSROOM

Begin class with a brief introduction of the topic through pre-built Power Point slides that provide information about the content area. Help students apply the content by following the 'Applications to Practice' call outs throughout the modules, then complete the lesson with pre-built test questions found outside each module.

Challenge students to a timed flashcard activity where students work in pairs to see who can answer the most flashcards correctly within a certain amount of time (3 to 5 minutes). Student pairs then discuss among themselves the muddiest point and report out to the class what they learned from the activity. Create a classroom discussion to ensure the muddiest point(s) become clear and students achieve an understanding of the topic. Use case scenarios for discussion on changes in vital signs/subtle changes in condition. Discuss how clients would present if students were presented with the clinical situation at the clinical site.

Assign students to work independently or in small groups for the post-module tests or other *Engage Fundamentals* activities. The discussion questions can be presented in the classroom, synchronously using a video conference, or on a discussion board using a learning management system. Have students review, respond, and provide an evidence-based response to a posting of at least one other individual/group.

Have students work in a small group to answer post-module test questions. Then assign the small group to write rationales for each item. Instruct students to provide evidence to support their rationale(s). Identify one person from each group to share their responses with the larger group. If other small groups developed rationales to the same item, have the students compare their responses with the larger group. Faculty should lead the large group discussion regarding the comparison of the rationales to ensure students verbalize understanding of content.

### INDEPENDENT ASSIGNMENT

Use the post-module test as a "ticket to class".

## CLINICAL, SKILLS LAB, AND/OR SIMULATION

Utilize clinical judgment case studies and concept mapping activities as a part of conference or debriefing time. Locate the Clinical Judgment Case Study and Concept Map under Faculty Resources for *Engage Fundamentals* on the ATI site (atitesting.com). Select the desired Case Study with Concept Map for student completion. This activity can be assigned to individual students or as a small group activity. The activity can be integrated into the classroom, preparation for simulation, or during post clinical. Directions for implementation are provided in the Clinical Judgment and Concept Map activity documents.

Compare and contrast clinical client conditions to the case studies and discuss potential changes in client condition. Follow-up with additional cues the client can have, determine how the plan of care may need to change, nursing actions to be taken, and determine if client outcomes were met based on the client's response to the nursing actions.

## APPLICATION TO PRACTICE

- Utilize Lesson Plans to engage students in clinical scenarios throughout the selected modules.
- Assign self-reflection activities throughout modules for student learning. Place students in small groups to facilitate discussion regarding the identified content area.
- Utilize client charts to document and apply content to facilitate students' understanding of clinical situations.
- As part of in-class discussion, assign students Clinical Judgment Case Studies with Concept Mapping activities throughout modules.
- ATI Skills Modules are found throughout this resource. Refer to the Skills Modules 3.0 Educator Implementation Guide for implementation ideas.
- The following statements can be used with any clinical scenario. Faculty can assign a self-written scenario or use the scenario created in select lesson plans. Lesson plans can be found on the ATI site (atitesting.com) by clicking on the "Resources" button then selecting "Product Integration" followed by *Engage Fundamentals*. Follow the directions with implementing the activity as outlined in the lesson plan. These and other related statements that align with the steps of the Nursing Process and Clinical Judgment functions are listed after each statement.
  - Identify relevant subjective and objective assessment findings. (ASSESSMENT/RECOGNIZE CUES)
  - What additional information is needed at this time? (ANALYSIS/ANALYZE CUES)
  - What assessment findings are of immediate concern? (ANALYSIS/ANALYZE CUES)
  - Identify client problems based on assessment findings. (ANALYSIS/ANALYZE CUES)
  - Prioritize client problems based on the analysis of assessment findings. (PLANNING/PRIORITIZE HYPOTHESES)
  - Identify the desired client outcome related to the priority client problem. (PLANNING/GENERATE SOLUTIONS)
  - What nursing actions should be taken to address the client priority problem to achieve the desired outcome? (PLANNING/GENERATE SOLUTIONS)
  - Describe what responses the client should be monitored for related to the identified nursing action. (PLANNING/GENERATE SOLUTIONS)
  - Discuss the coordination of care for this client, with members of the health care team.
  - Explore cultural considerations that should be included in a plan of care for the client. (IMPLEMENTATION/TAKE ACTIONS)
  - Outline client education that should be provided to the client. (IMPLEMENTATION/TAKE ACTIONS)
  - Identify age-related considerations that are necessary when providing care for this client. (IMPLEMENTATION/TAKE ACTIONS)
  - Identify assessment findings that would indicate the plan of care successfully helped the client achieve the desired outcomes. (EVALUATION/EVALUATE OUTCOMES)



## Reporting Features

### INDIVIDUAL REPORT

- Time spent in learning modules and date(s) accessed
- Tests scores, time spent, and dates completed

### GROUP REPORT

- Group and individual time spent in modules and date(s) accessed
- Test composite and individual scores

### TESTS INDIVIDUAL REPORT

- Score, time spent, and date(s) completed
- Topics to review

## Additional Resources

### FOR STUDENTS

- Skills Checklists
- How To: Using the EHR Chart Feature
- Quick Guide to EHR Documentation
- Student Orientation Video

### FOR FACULTY

- Content Overview
- Quick Start Guide
- Skills Alignment
- Skills Checklists
- EHR Expert Charts
- How To: Using the EHR Chart Feature
- Quick Guide to EHR Documentation
- Faculty Orientation Video
- Lesson Power Points
- Lesson Plans
- Self-Reflection Activities
- Clinical Judgment Case Studies with Concept Maps

## *Product Support*

At ATI Nursing, we pride ourselves on timely, effective support to meet your needs. Please contact us at 800-667-7531 if you need assistance with this product.

Please be sure to verify the technical requirements on the ATI website to ensure you have the optimal product experience.

