Contact Information:
HFC Learning Lab (Main Campus)
Room A-200, Learning Success Center
Main Lab Line: (313) 845-9643
E-mail address: llabtesting@hfcc.edu
Website address: http://learnlab.hfcc.edu/NAT
Hours:
Fall/Winter: Monday – Thursday (8:00 am – 7:30 pm)
Friday (8:00 am – 4:30 pm)
Spring/Summer: Monday – Thursday (8:00 am – 6:30 pm)

HFC Nursing Program
3601 Schaefer Road, Building B
Dearborn, MI 48126
Office phone: (313) 845-6304
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Important Points About the NAT Exam

1. To register for the NAT exam, search for NAT 100 in WebAdvisor. All dates available will be listed. Students drop daily, so be sure to check frequently for open seats.

2. The NAT exam tests your knowledge of common English and Pre-Algebra. The only thing medical-related are the vocabulary words.

3. Don’t wait to finish all of your prerequisites before taking the exam. Some students complete all of their courses, are unable to pass the NAT exam, and cannot be admitted into the Nursing program.

4. There are four sections on the test: Vocabulary, Math, Reading Comprehension, and Grammar. You must have a score of 80 or above on each section to pass. You may take the sections in any order that you wish, spending as much time on each section as you want for a total of 3 hours and 40 minutes, and receive your score for immediately after completing that section. If you fail a section, don’t give up mentally. Keep going.

5. When you take the exam, be sure to record your login name and password. If you need to retake the exam, use the attached directions to log into your account after the exam and use the Elsevier website’s content as study material. THERE IS EXTREMELY HELPFUL INFORMATION AVAILABLE.
Vocabulary

Vocabulary is the most commonly failed section of the NAT exam. The key to passing this section is to study words until you know them by heart. A list of the vocabulary words from the 3rd edition of the HESI Admission Assessment book is attached.

1. Use note cards. Write the term on one side, and the definition on the opposite side. When you can recite the definition correctly, put that card aside from the others so you can focus on the words that you need to study more.

2. Look up the definition from a different resource than your book. Also, write a few synonyms for the word. Adding this bit of information helps you to understand more clearly how the word is used as part of a sentence.

3. On the exam, the words are presented in a sentence. For example:

   “Her **flushed** appearance was noted by the nurse during the examination.”

   You are asked to choose from:

   (a) Pale  
   (b) Excited  
   (c) Ruddy  
   (d) Indifferent

   Re-read the sentence using the choices instead of the underlined word – “Her excited appearance was noted by the nurse during the examination.” That doesn’t sound right, does it? (It’s not.) So you can eliminate (b) as an answer. The correct answer is (c) Ruddy.
Math

The NAT Math section tests your knowledge of **Pre-Algebra** math problems.

1. Common areas to study include:
   - Fractions
   - Ratios and Proportions
   - Units of Measurement (*see attached chart*)
   - Decimals
   - Percentages
   - Averages

2. Review material on attached resource list or at [http://learnlab.hfcc.edu/kiosk](http://learnlab.hfcc.edu/kiosk).

3. Attend HFC’s Compass/Course Placement workshops. The Math section of the Compass/Course Placement test is very similar to the NAT. A current schedule for workshops can be found at [http://learnlab.hfcc.edu/placement](http://learnlab.hfcc.edu/placement).

4. Visit the Learning Lab to print handouts, at no cost to you, specific to the NAT or Math 074/080 courses.
Reading Comprehension & Grammar

As with anything you wish to improve at, regular practice at scheduled intervals will help you reach your goals. During the exam, take your time to read the paragraph and read each question carefully. If it works better for you, read the questions first then read the paragraph, seeking out the answers as you go.

1. Review material on attached resource list or at http://learnlab.hfcc.edu/kiosk.

2. Attend HFCC’s COMPASS workshops. The Reading section of the COMPASS test is very similar to the Reading Comprehension on the NAT. A current schedule for workshops can be found at http://learnlab.hfcc.edu/placement.

3. Visit the Learning Lab to print handouts, at no cost to you, specific to the NAT or Reading courses.
Online Compass/NAT Resources

The content of the **HESI NAT** is similar to that of the **Compass** entrance exam. Using the following **Compass** resources will help you prepare for the **NAT**.

HFC Learning Lab NAT Resources [http://learnlab.hfcc.edu/NAT](http://learnlab.hfcc.edu/NAT)
HFC Learning Lab Compass Resources [http://learnlab.hfcc.edu/placement](http://learnlab.hfcc.edu/placement) (Check this webpage for the most recent schedule of Compass Workshops)

**Math**
[http://www.hostos.cuny.edu/oaa/compass/](http://www.hostos.cuny.edu/oaa/compass/)

**Videos**
[https://www.khanacademy.org/math/arithmetic](https://www.khanacademy.org/math/arithmetic)
[https://www.khanacademy.org/math/algebra](https://www.khanacademy.org/math/algebra)

**Reading**
[http://townsendpress.net](http://townsendpress.net)
(Select “Create an Account.” Select “Create a Student Account.” Complete the requested information, selecting HFC as the school. Select “Create Account.”)
[http://englishforeveryone.org/Topics/Reading-Comprehension.htm](http://englishforeveryone.org/Topics/Reading-Comprehension.htm) (Note: Start at Grade 6)
[https://faculty.ung.edu/mrhorton/lsenglish/compassreading.htm](https://faculty.ung.edu/mrhorton/lsenglish/compassreading.htm)
[https://faculty.ung.edu/mrhorton/lsenglish/grammartutorials.htm](https://faculty.ung.edu/mrhorton/lsenglish/grammartutorials.htm)
Abrupt
Abstain
Access
Accountable
Adhere
Adverse
Affect
Annual
Apply
Audible
Bilateral
Cardiac Cast
Cavity Cease
Compensatory
Complication
Comply
Concave
Concise
Consistency
Constrict
Contingent
Contour
Contract
Contraindication
Defecate
Deficit
Depress
Depth
Deteriorating
Device
Diagnosis
Diameter
Dilate
Dilute
Discrete
Distended
Dysfunction
Elevate
Endogenous
Exacerbate
Excess
Exogenous
Expand
Exposure
External
Fatal
Fatigue
Flaccid
Flushed
Gaping
Gastrointestinal
Gender
Hematologic
Hydration
Hygiene
Impaired
Incidence
Infection
Inflamed
Ingest
Initiate
Insidious
Intact
Internal
Invasive
Labile
Laceration
Latent
Lethargic
Manifestation
Musculoskeletal
Neurologic
Neurovascular
Nutrient
Occluded
Ominous
Ongoing
Oral
Overt
Parameter
Paroxysmal
Patent
Pathogenic
Pathology
Posterior
Potent
Potential
Precaution
Precipitous
Predispose
Primary
Priority
Prognosis
Rational
Recurrence
Renal
Respiration
Restrict
Retain
Site
Status
Strict
Sublingual
Supplement
Suppress
Symmetric
Symptom
Syndrome
Therapeutic
Transdermal
Transmission
Trauma
Triage
Untoward
Urinate
Vascular
Verbal
Virus
Vital
Void
Volume
NAT Math Section

Suggested Areas of Study
- Decimals (including changing to fractions)
- Fractions (Addition, Subtraction, Multiplication, Division)
- Percentages
- Ratios & Proportions
- Units of Measurement (including conversion)

Other Suggested Areas of Study
- Averages
- Decimals
- Military Time – After 12:00pm, add 12 to the time (1pm = 13:00, 2pm = 14:00, 8pm = 20:00, etc.) Working backwards, you would subtract 12 (21:00 = 9pm, 17:00 = 5pm, 24:00 = Midnight, etc.)
- Multiplication

US Customary System and Metric System

**Length**
- 12 inches = 1 foot
- 1 inch = 2.54 cm
- 100 cm = 1 m
- 1000m = 1 km
- 1 mile = 1.6 km

**Volume**
- 1000 ml = 1 L
- 8 ounces = 1 cup
- 16 ounces = 1 pint
- 1 pint = 2 cups
- 2 pints = 1 quart
- 4 quarts = 1 gallon
- 16 oz. = 1 lb.

**Weight/Mass**
- 2.2 lb. = 1 kg
- 2000 lb. = 1 ton
- 1000g = 1 kg
- 1000mg = 1 g

**Time**
- 60 sec. = 1 min.
- 60 min. = 1 hour
- 24 hours = 1 day
- 365 days = 1 year
Obtaining Detailed HESI Exam Scores


2. Login with the account you created when you took your exam. If you can’t remember your login information, use the “Need help logging in?” link and follow the prompts to retrieve your information.

3. Under Content List click “Student Access.”

4. Click the + next to “My Exams,” then click “Admission Assessment Report.” This will retrieve your overall score report.

5. For more detailed information about your test results, click the + next to “Admission Assessment Report.” The four exam topics – Math, Grammar, Reading Comprehension, and Vocab – are listed. When you click on each one, you have two options:
   a. Results Report provides a detailed report for that subject. This report will show you what you scored on this subject, indicating what you should review prior to retaking the exam.
   b. Specialty Area Results & Review Materials provides study materials for the subjects that you might need further practice on. For example, in the photo below, the student scored 31% in Fractions. Clicking the “Fractions” link takes you to a list of study questions for that topic.

If you are in need of study assistance before or after your exam, please contact the HFC Learning Lab at (313) 845-9643 or labtesting@hfcc.edu. You may also visit the NAT test preparation website at http://learnlab.hfcc.edu/NAT.
HESI Admission Assessment Exam Review
Purchase Information

HFC Bookstore

Elsevier (publisher), Promo Code

Amazon.com (retailer)

Barnes & Noble (retailer)

Chegg (retailer; textbook rental)

Note: This book is available for borrowing at the Learning Lab. Students must remain in the Learning Lab while using it. The book cannot leave the Learning Lab.