







How to Analyze Test Results for Candidates Retaking a Test

This worksheet is a tool to help candidates analyze their past performance on the GACE assessments in order to evaluate how best to prepare for retaking a test. As a candidate for educator certification, you may wish to complete the following steps to aid in your test preparation. A sample completed worksheet is provided on page 2.

-  Gather a copy of your last score report for the assessment, your completed Assessment Preparation Worksheet, and your completed worksheet for mapping the test framework to courses you have taken. See "Preparation Materials" for the assessment to obtain these worksheets.
-  Obtain a copy of the test framework worksheet for the GACE test you plan to retake. These worksheets are available from the "Analyzing Test Results for Candidates Retaking a Test" page.
-  In the "Notes" area, summarize your past performance. In the first two columns, fill in the performance indices from your last score report.
-  To evaluate your need for additional preparation to improve your test scores, review:
 - the **number and types of test questions in each subarea** (or for each objective for the Basic Skills assessment) to understand how the knowledge and skills in each content area will be assessed.
 - **your test scores for each subarea** (or objective) to understand your command of each content area. If you received less than 3 plusses (+ + +) for either the selected-response questions or the constructed-response assignments, you may wish to concentrate your study on these objectives by taking one of the following actions prior to retesting:
 - taking one or more additional courses
 - rereading textbooks and reviewing other materials from courses already taken
 - reviewing the preparation materials for the assessment
 - attending special workshops or extra help sessions with faculty or tutors
 - **your performance by question type** to identify areas for improvement. Each GACE test design describes the percentage of the total test score by question type. To better understand how an objective may be assessed by a selected-response question, review the sample question for that objective in the preparation guide for that assessment. To better understand your performance on the constructed-response assignments, review the score report explanation and the criteria for scoring your response in the preparation materials. To improve your performance on the constructed-response assignments, complete the sample assignments in the preparation guide, then review the sample strong response, your response, and the scoring criteria for each sample assignment. You may also want to ask a mentor, advisor, or other faculty member to evaluate your response to the assignment.

Notes:

Test results from March 2007

Test 024 - Passed

Test 025 - Did Not Pass—scaled score: 180

		Selected-response questions (approx.)	Constructed-response assignments	Selected-response performance index	Constructed-response performance index	Prep for retake needed?	
Test I (Test Code 024)	EARTH SCIENCE	30	1				
	0001	Understand current scientific views of the universe.					
	0002	Understand the characteristics and distribution of water and its role in earth processes.					
	0003	Understand characteristics of the atmosphere and climate and weather.					
	0004	Understand characteristics of the earth and processes that have shaped its surface.					
	0005	Understand the earth's natural resources.					
		LIFE SCIENCE	30	1			
	0006	Understand the diversity of living organisms and their classification.					
	0007	Understand the structure and function of living systems.					
	0008	Understand the principles and processes of the inheritance of biological traits.					
0009	Understand the dependence of organisms on one another and understand ecosystems.						
0010	Understand the theory of evolution and the role of natural selection.						
Test II (Test Code 025)	PHYSICAL SCIENCE	36	1	++	+	Yes	
	0011	Understand the nature of matter and its classification.					
	0012	Understand changes in matter.					
	0013	Understand principles and concepts related to energy.					
	0014	Understand the relationships among force, mass, and the motion of objects.					
	0015	Understand the properties of waves, sound, and light.					
	0016	Understand electricity and magnetism.					
		CHARACTERISTICS OF SCIENCE	24	1	++++	+++	No
	0017	Understand the characteristics of scientific knowledge and the process of scientific inquiry.					
	0018	Understand scientific tools, instruments, materials, and safety practices.					
0019	Understand scientific communication and the skills and procedures for analyzing data.						
0020	Understand the unifying concepts of science and technology.						

PASSED

If you received less than 3 pluses (+++) for either question type, this may be an area in which to concentrate your study.

Fill in the performance indices from your last score report.

Review your mapping of the test framework to the courses you have taken and identify objectives for which you need further study. Develop a study plan for each objective as described in the instructions on the previous page.