



International

HL7 FHIR Proficiency Certificate Study Guide

Overview:

The purpose of the HL7 FHIR Proficiency Exam is to provide test takers the ability to prove their proficiency with the HL7 R4 FHIR specification. Test takers that pass the exam will receive the HL7 FHIR Proficiency Certificate of Knowledge recognition which includes a listing on the HL7 website and an e-badge. Although we anticipate many test takers to have field experience, it is not a requirement for sitting for the exam. This test is a certificate of knowledge proving proficiency in the FHIR specification, not a professional implementation credential.

Competencies:

The proficiency certificate proves a basic understanding of HL7 FHIR R4 specification. Those that pass the test will have proven their knowledge of the following concepts:

Competency	Percentage of Test
FHIR Fundamentals	16%
Resource Concepts	20%
Exchange Mechanisms (includes RESTful API)	14%
Conformance and Implementation Guidance	12%
Terminology	4%
Representing healthcare concepts using FHIR resources	14%
Safety and Security	6%
The FHIR Maintenance Process	10%
FHIR licensing and IP	4%

Preparation:

When preparing for this certificate, test takers should acquaint themselves with HL7 FHIR R4 Specification which is freely available and can be found at hl7.org/fhir/R4 . The test competencies can be achieved through careful self-study of the following areas of the specification:

- The 'getting started page' (<http://hl7.org/fhir/R4/modules.html>)
- The executive summary (<http://hl7.org/fhir/R4/summary.html>)
- The developer introduction (<http://hl7.org/fhir/R4/overview-dev.html>)
- The clinical introduction (<https://hl7.org/fhir/R4/overview-clinical.html>)
- The architect's introduction (<http://hl7.org/fhir/R4/overview-arch.html>)

- The overview/roadmap (<http://hl7.org/fhir/R4/overview.html>)
- The open license (<http://hl7.org/fhir/R4/license.html>)
- The Resource Index (<http://hl7.org/fhir/R4/resourcelist.html>)
- The following pages linked from the documentation page
 - Resource (<http://hl7.org/fhir/R4/resource.html>)
 - Conformance Rules (<http://hl7.org/fhir/R4/conformance-rules.html>)
 - Resource Life Cycles <http://hl7.org/fhir/R4/lifecycle.html>)
 - References between Resources (<http://hl7.org/fhir/R4/references.html>)
 - Narrative (<http://hl7.org/fhir/R4/narrative.html>)
 - Extensibility <http://hl7.org/fhir/R4/extensibility.html>)
 - Change Management and Versioning (<http://hl7.org/fhir/R4/versions.html>)
 - RESTful API (<http://hl7.org/fhir/R4/http.html>)
 - Search (<http://hl7.org/fhir/R4/search.html>)
 - Profiling FHIR (<http://hl7.org/fhir/R4/profiling.html>)
 - Terminologies (<http://hl7.org/fhir/R4/terminologies.html>)
 - Validating Resources (<http://hl7.org/fhir/R4/validation.html>)
 - Security (<http://hl7.org/fhir/R4/security.html>)
 - Clinical Safety (<http://hl7.org/fhir/R4/safety.html>)
 - Guide to Resources (<http://hl7.org/fhir/R4/resourceguide.html>)
- The following module pages linked from the home page diagram:
 - Foundation (<http://hl7.org/fhir/R4/foundation-module.html>)
 - Implementation Support (<https://hl7.org/fhir/R4/implsupport-module.html>)
 - Security and Privacy (<http://hl7.org/fhir/R4/secpriv-module.html>)
 - Conformance (<http://hl7.org/fhir/R4/conformance-module.html>)
 - Terminology (<http://hl7.org/fhir/R4/terminology-module.html>)
 - Administration (<http://hl7.org/fhir/R4/administration-module.html>)
 - Clinical Summary (<https://hl7.org/fhir/R4/clinicalsummary-module.html>)
 - Diagnostics (<http://hl7.org/fhir/R4/diagnostics-module.html>)
 - Medications (<http://hl7.org/fhir/R4/medications-module.html>)
 - Financial (<http://hl7.org/fhir/R4/financial-module.html>)
 - Clinical Reasoning (<http://hl7.org/fhir/R4/clinicalreasoning-module.html>)

HL7 FHIR implementation experience and/or standards development experience will also prove helpful to the test taker but are not required. Formal training is strongly encouraged.

Formal Training:

HL7 offers training that can help those preparing for the exam. The test taker might consider one of the following training paths:

- The FHIR Track offered in person at HL7 Working Group Meetings
- The FHIR Institute Webinar Series (live and recorded)
- The fully online Fundamentals program (HL7 Fundamentals or HL7 FHIR Fundamentals)
- The FHIR Proficiency Exam Preparation Course (may be in person or online)

Note that while training is helpful, no training replaces studying of the specification and usage of it.

Test Format:

The test is closed book and the question formats are multiple choice, multi-select, and true/false. There are 50 questions on the exam. Candidates will have 2 hours to complete the exam. Candidates must score at least 70% (correct answers to 35 questions) to pass the exam. There is no penalty for guessing.

Please bring a photo id to the test. No reading or writing materials, except those provided by the instructor, are allowed during the test. Pencils will be provided.

Mobile phones, messaging devices, and pagers ***must be turned off*** (not just silenced) during the test. Use of such devices during the test may result in disqualification. If you need to be reachable for emergencies while you are taking the test, please inform personnel at the test site.

After the test, you are not allowed to discuss the contents of the test with others.

Results will be emailed immediately upon completion of the test to the address that you designated when you registered for the examination. A Certificate is also immediately emailed to qualifying individuals.