

Criterion-Referenced Test Development Process: A Primer

Designing	Conferring
Developing	Accrediting
Implementing	Maintaining



Functional Manager	PMO
Component	Candidate

Description: Tests developed to certify individuals' mastery of a pre-defined set of knowledge and/or skills must meet a number of federal and professional guidelines (i.e., the Uniform Guidelines on Employee Selection Procedures published by the EEOC, the Standards for Educational and Psychological Testing jointly published by AERA, APA, and NCME). These guidelines attempt to ensure that the tests result in reliable information that stakeholders can use to make valid decisions regarding individuals who hold the certification. Although there are a number of approaches for developing certification tests that meet the established guidelines, one approach – the criterion-referenced test development (hereafter, CRTD) process – is considered “best-in-class.” The CRTD process employs a number of evidence-based methodologies in stages to address three core questions: (1) are domains being addressed by the test critical to work performance?, (2) is the test assessing the content appropriately?, and (3) is the test classifying individuals appropriately? (see figure below). This job aid presents an overview of the CRTD process.

Process:

