Chapter 1
Foundations of Assessment Theories:
A Framework for Higher Education

Andi Asrifan
http://orcid.org/0000-0002-9934-6129
Universitas Negeri Makassar, Indonesia

Rismawati Sudirman
http://orcid.org/0000-0001-8046-6764
Universitas Muhammadiyah Palopo, Indonesia

Maemuna Muhayyang
Universitas Negeri Makassar, Indonesia

Nurfaida Tasni
http://orcid.org/0000-0003-4256-6849
Universitas Negeri Makassar, Indonesia

Isumarni Isumarni
Universitas Muhammadiyah Sidenreng Rappang, Indonesia

ABSTRACT

This chapter examines the theoretical and practical underpinnings of assessment in higher education, outlining its progression from positivist traditions to constructivist and critical paradigms. It offers a thorough framework that unifies curriculum, pedagogy, and evaluation, highlighting inclusive, genuine, and technology-enhanced assessment methodologies. Essential principles encompass Assessment for Learning (AfL), Universal Design for Learning (UDL), and authentic assessment corresponding to graduate qualities. The discourse encompasses ethical issues in technology-based

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assessments and the significance of institutional preparedness and policy reform. The chapter anticipates learner-centered, data-informed, and competency-based assessment frameworks that facilitate personalized learning and promote social justice. This integrative approach guarantees that evaluation not only evaluates learning results but also promotes deeper engagement, lifelong learning, and comprehensive student growth in a progressively intricate educational environment.

HISTORICAL AND PHILOSOPHICAL UNDERPINNINGS OF ASSESSMENT IN HIGHER EDUCATION

1.1. The Evolution of Educational Assessment

The history of educational evaluation demonstrates a dynamic interaction among pedagogical ideas, regulatory mandates, and public expectations. Initially, assessment in higher education was informal and qualitative, influenced by oral disputations and master-apprentice evaluations throughout the medieval university era (Herzog-Punzenberger et al., 2020). a. As industrialization progressed and mass education expanded in the 19th and early 20th centuries, evaluation transformed into more standardized and quantitative formats, motivated by the necessity to categorize learners, validate competency, and guarantee comparability across growing institutions.

The positivist tradition that prevailed in early assessment procedures prioritized objectivity, measurement, and reliability. Multiple-choice assessments, norm-referenced evaluation, and psychometric precision emerged as defining features of the system, especially within Western educational frameworks. This period was characterized by the prevalence of Assessment of Learning (AoL), wherein examinations primarily functioned as final measures to evaluate performance and confer qualifications. Nevertheless, these methodologies frequently overlooked contextual, cultural, and developmental subtleties, inadvertently perpetuating injustices and promoting test-centric education (Chiziwa & Kunkwenzu, 2021; Swiecki et al., 2022).

Since the late 20th century, a notable paradigmatic change has transpired, shaped by constructivist epistemologies and learner-centered pedagogies. The notion of Assessment for Learning (AfL) has gained prominence, highlighting feedback, learner agency, and the formative function of assessment in facilitating improvement. This transition was not solely educational but also philosophical—questioning the belief that learning can be entirely quantified through objective assessment. Rubrics, self-evaluations, peer assessments, and performance-oriented tasks started to augment and, in certain instances, supplant conventional examinations.

The digital revolution significantly expedited this transformation. Digital platforms, electronic portfolios, and AI-driven evaluations have facilitated immediate