



Pearson

ICFSEB Annual Meeting

James Ingrisone

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What is a Psychometrician?

Professional who specializes in the field of psychometrics, which is the branch of psychology concerned with the theory and techniques of psychological measurement, assessment, and evaluation

Trained in the design, development, administration, scoring, interpretation and validation of psychological tests and other forms of assessment

Work is used in various settings, including educational institutions, government agencies, research organizations, and private companies



James N. Ingrisone, PhD

Manager, Psychometric & Research Services - Pearson VUE

- Manages a team of psychometricians who work on a variety of measurement and research activities with Pearson VUE licensure and certification clients
- Oversees all operational psychometric activities
- Provides measurement solutions utilizing psychometric techniques such as classical test theory, item response theory, Linear-on-the-fly (LOFT), Computer Adaptive Testing (CAT), test equating, scaling, linking, differential item functioning analysis, automatized test assembly, reliability, decision consistency, survey analysis, simulation studies, item pool sculpting, sampling, and pretesting strategy
- Oversees job task analysis studies, standard setting workshops, and provides guidance on accreditation, and works with software developers and quality assurance analysts to maintain the high quality of Pearson VUE exams
- Represents Pearson VUE at professional meetings and conferences
- Part of Pearson's psychometric and research studies team for over 14 years.
- Earned a PhD in measurement and statistics from Florida State University

NBE Examination: Arts & Science

Arts and Sciences sections

- 170 Multiple Choice (MC) items with four options for each item
- 150 scored items + 20 pilot items
- Two hours and fifty minutes

Purpose of the exam

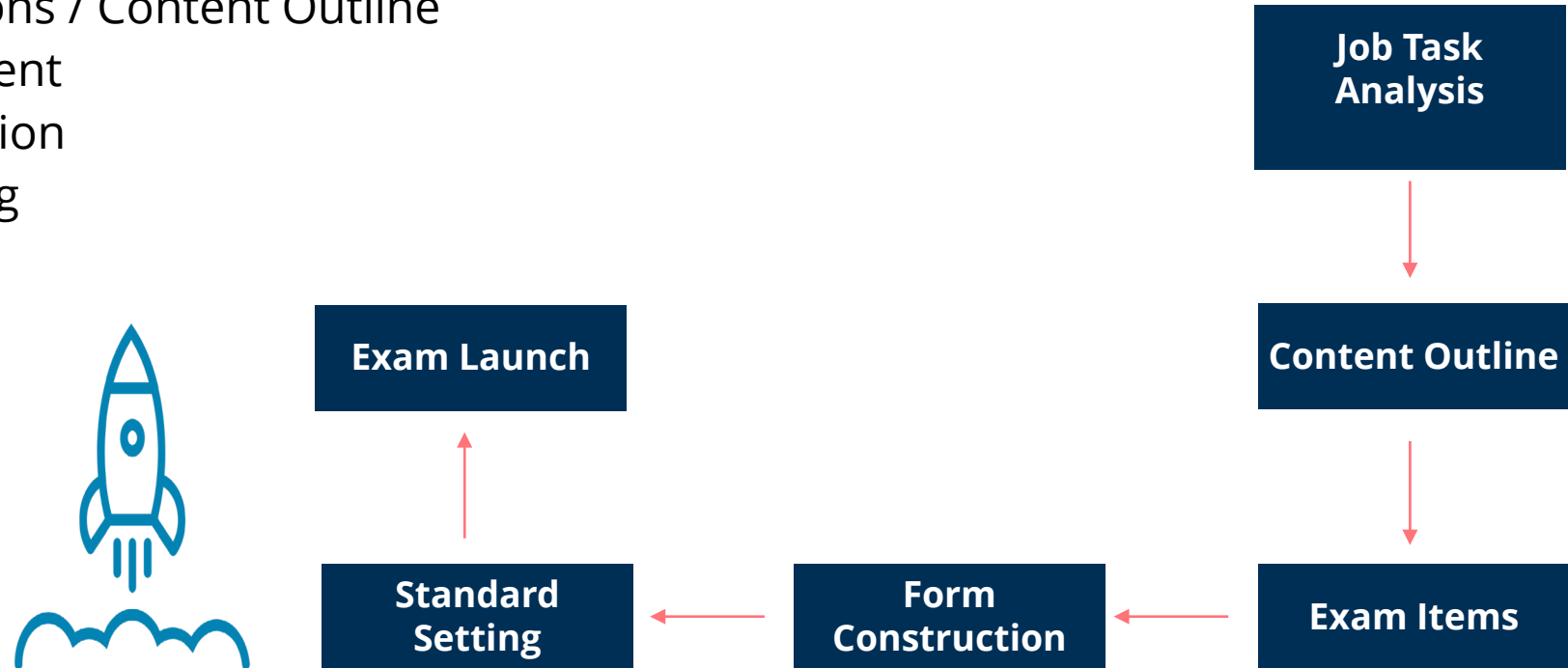
- Designed to measure whether an individual has the skills and knowledge necessary to provide safe and competent practice in funeral service, i.e., to ***differentiate*** between a ***competent*** and a ***not-competent*** candidate.

Exam development is a rigorous process

- Exams are developed based on legal requirements and systematic psychometric methods.
- Subject matter expert (SMEs) input is included throughout the process

Exam Development Outline

1. Job Task Analysis / Practice Analysis
2. Test Specifications / Content Outline
3. Item Development
4. Form Construction
5. Standard Setting
6. Exam Launch



Measurement Services

Preliminary Item
Analysis

Form Monitoring

Form Construction

- Linking
- Test equating
- Scaling

Pretest strategy

Item Analysis

Technical Reports

- Candidate performance
- Exam performance
- Item performance

Consultation

- Score reports
- Accreditation
- Present at meetings



Thank You!

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