

### Class Concept

Employees in this class perform technical and professional assignments in the design and development of psychometrically valid and reliable assessments for the statewide public schools testing program. Work is advanced and technical requiring a strong background in psychometrics, statistics, examination publishing and curriculum, and the ability to work in a leadership capacity with lead state agency personnel, local Education agency personnel, and national curriculum and measurement specialists to develop a wide range of tests. Work requires choosing and applying complex statistical procedures unique to test development, as well as production of psychometrically acceptable reports and studies. May perform related work as required.

### Recruitment Standards

#### Knowledge, Skills, and Abilities

- Thorough professional skill and/or knowledge in psychometrics and the appropriate subject matter area of assignment.
- Thorough knowledge of federal, state and national guidelines, regulations and objectives pertaining to the assessment and reporting of student performance data.
- Thorough knowledge of classical and item response theory, statistics, and publishing.
- Ability to keep current with professional development and trends.

#### Minimum Education and Experience

Master's degree in Tests and Measurement, Education Research, Education/Quantitative Psychology and Statistics, or Statistics, from an appropriately accredited institution and three years of directly related experience needed to perform the work; or an equivalent combination of education and experience.