

## GGSON Undergraduate Program Handbook

### SON OP 30.270 - Test Construction

**PURPOSE** Texas Board of Nursing Rules provide that evaluation methods and tools used to measure students' cognitive, affective, and psychomotor achievement shall be developed and implemented using sound educational principles.

**REVIEW** This handbook shall be reviewed by the Associate Dean by September 1<sup>st</sup> of even numbered years in collaboration with the Curriculum Committee. Final approval of the GGSON Undergraduate Program Handbook is granted by the Dean.

### POLICY/PROCEDURE

Course faculty members are responsible for developing course examinations and blueprints. Test questions are derived from assigned learning and clinical experiences. Faculty should develop and utilize a test blueprint for examinations. The following are criteria commonly used for blueprint development:

- Bloom's Revised Taxonomy
- Phases of the Nursing Process
- Categories of Client Needs (as described on the NCLEX-RN blueprint)
  - Safe and effective care environment
  - Physiological integrity
  - Psychosocial integrity
  - Health promotion and maintenance
- Course Objectives

Statistical analysis (item analysis) will be completed on objective exams within two weeks of exam completion. Faculty are responsible for reviewing each test item with an index of difficulty less than fifty percent and a discriminatory power of less than 0.25. Each item will be analyzed and adjusted as necessary. Faculty members who administer subjective examinations are responsible for developing specific grading criteria for their exams. Refer to policies regarding staff routing of exams for typing, formatting, and computer loading when developing exams.

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