ABSTRACT

NAME OF INSTITUTION: De La Salle University-Aguinaldo

ADDRESS: Bagong Bayan, Dasmariñas, Cavite

TITLE: Predictive Validity of Academic and Internship Performance on the National Board Examination Performance of Radiologic Technology Graduates of De La Salle University-Aguinaldo During the School Years 1991-1994

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OBJECTIVES OF THE STUDY:

A. GENERAL:

1. To determine the predictive validity of academic and internship performance on the national board examination performance of BSRT and ART graduates of De La Salle University-Aguinaldo during the school years 1991-1994.

B. SPECIFIC:

1. To find out the levels of performance in the academic, internship, and national board examination in all sub-areas of the major subjects.

2. To determine the differences of performance in the two predictors and the criterion variable as

reflected in all major subjects.

3. To correlate the academic and internship performances with the national board examination performance in all sub-areas of the major subjects.

SCOPE AND COVERAGE:

The study was conducted at DLSU-A in Dasmariñas, Cavite. There were 164 subjects in all, of whom 70 were BSRT and 94, ART graduates of DLSU-A school years 1991-1992, 1992-1993, and 1993-1994. which is 100% of the total population who took the national board examination.

METHODOLOGY:

This study made use of the decriptive-documentary method of research. Data were gathered by the use of analysis of grading sheets on file. Statistical tools are as follows: (a) mean, (b) t-test of correlated means, (c) Pearson product-moment correlation, (d) Z-test of one sample mean, (e) multiple regression correlation, and (f) F-test or One-way ANOVA.

MAJOR FINDINGS:

The following findings resulted from this investigation:

1. The computed mean of 2.03 showed that the performance of BSRT and ART graduates SY 1991-1994 were

satisfactory while the weighted average of the major subjects had the computed mean of 1.77 which means that they had fair performance ratings in these subjects.

2. The RT graduates' performance in total internship ratings and technical competence were good as shown by the obtained mean of 2.40 and 2.62, respectively and they had homogeneous performance.

3. National board examination results and the board subtest scores of the subjects were both described as fair and they were heterogeneous performance in this test. The computed mean were 1.51 and 1.51 respectively.

4. There is no significant differences between the academic and board examination performance of the BSRT and ART graduates SY 1991-1994 in all sub-areas of the major subjects. The obtained t-ratio was 1.78.

5. The differences between the internship and the board examination performance of the subjects in all sub-areas of the major subjects showed high significant differences at 0.05 level of significance. This is shown by the computed t-ratio of 7.75.

6. High positive correlation between the academic and board examination performance of the subjects existed during the SY 1991-1994 as shown by the obtained r of 0.5199.

7. A very negligible positive correlation existed between the internship and board examination performance. The computed r was 0.1373.

8. Academic and internship performances and the national board examination performance are significantly correlated.

CONCLUSIONS:

1. College GPA of the BSRT and ART graduates were only satisfactory and their weighted average in all sub-areas of the major subjects had fair performance ratings.

2. The RT graduates had good and homogenous performance in internship program.

3. National board examination results and the board subtest scores got fair and heterogenous performance.

4. There is no significant differences between the academic major subjects and board subtest scores of the BSRT and ART graduates, SY 1991-1994.

5. There is a highly significant differences between the internship technical competence and board subtest scores of the subjects.

6. Relationship is not significant between the academic and the national board examination performance

of the RT graduates.

7. Internship performance could not predict national board examination performance of the BSRT and ART graduates

8. A combination of the two variates could better predict success in the board examination.

RECOMMENDATIONS:

1. The administrator should look into the strengths and weaknesses of the faculty members to improve their teaching skills.

2. RT Instructors should prepare updated curriculum guides or syllabi that make provisions for individual interest and capacities for learning.

3. Guidance counselors and parents should serve as effective guides to the students by setting example in achievement and behavior.

4. Measures could be undertaken to further improve the viability of academic courses related to clinical education.

5. The researcher recommends further studies on the areas of this research in order to improve the quality of theoretical instruction in the College of Radiologic Technology, DLSU-A.