

# DE LA SALLE UNIVERSITY

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TOWARDS SYNERGY

BETWEEN COMPUTER EDUCATION AND SOFTWARE INDUSTRY

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by

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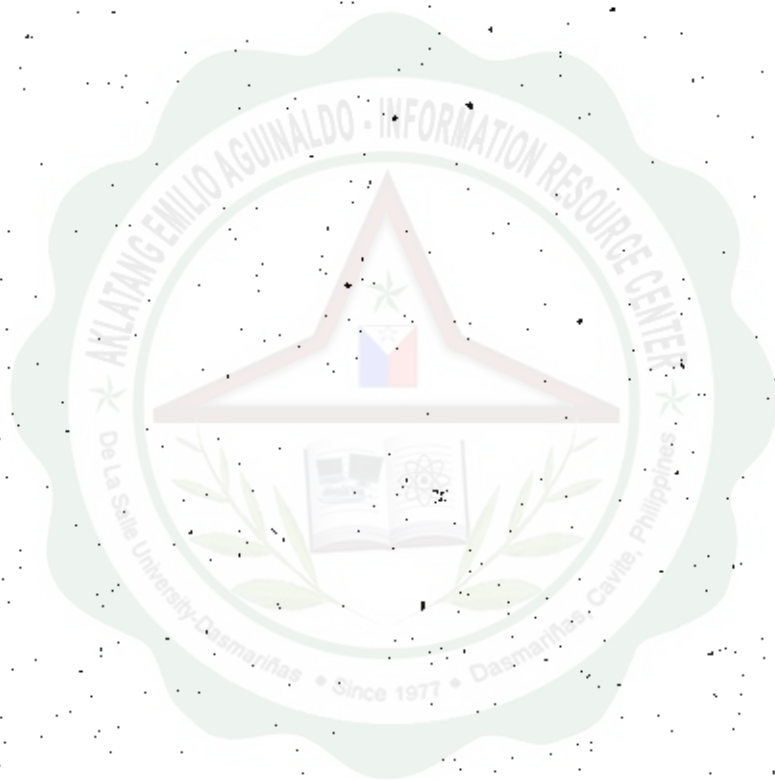


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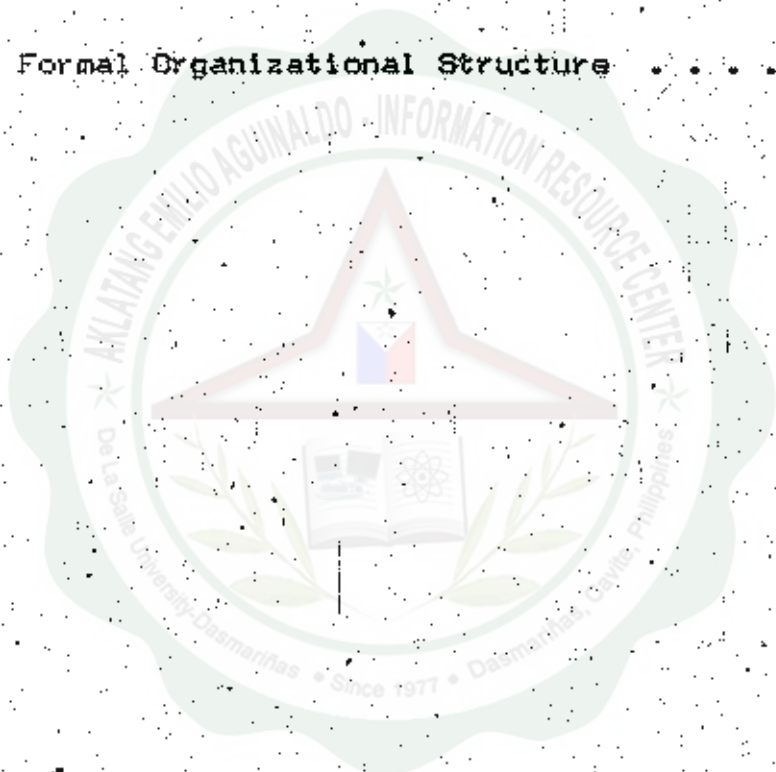
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## ABSTRACT

Increasing attention is being directed towards understanding the role of computer education within the context of the software industry's manpower goals. In the light of this development, the study recognizes that there is a certain dependence of business and industry on computer education and training program output to support software industry objectives.

The study attempts to address a specific issue relating to industry-computer education collaboration in the Philippines and presents collaboration as one of the many strategies that the software industry may employ in an effort to effect desired "relevant and quality" computer education programs.

The study presents the following:

1. Definition of a relevant and quality computer education and training that addresses the manpower requirements of the software industry;
2. Assessment of the existing computer education and training programs in the light of the requirements of the software industry; and



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3. Proposed synergy between computer education and the software industry.

The issue of relevant and quality computer education and training is assessed against the backdrop of existing computer education and training programs in order to properly evaluate and determine the areas where revision is specifically required.

The manpower requirements of the software industry is analyzed in order to determine changes that should be implemented in academe to respond to these needs.

Furthermore, this study proposes a partnership between academe and the software industry in order to bring about synergy between these two. The roles of different agencies in such a partnership are also discussed.

Specifically, collaboration as a strategic component of the industry and educational planning can catalyze two critical changes: (1) improved communication between academe and industry through the identification of the skills or knowledge required by the employers (industry) to ensure a significant and relevant educational output and (2) strategic involvement of education in economic development. This study provides the initial steps



towards bringing these critical changes to fruition.

As the study examines the potential of collaboration or partnership, it should be useful in providing guidelines in planning, implementing, and evaluating academic and training programs in accordance with the needs defined by the software industry.

