

**ACOUSTIC DESIGN FOR THE PROPOSED CENTER FOR PERFORMING  
ARTS BUILDING AT CAVITE STATE UNIVERSITY – DON SEVERINO  
DE LAS ALAS CAMPUS**

Undergraduate Design Project  
Submitted to the Faculty of the  
Cavite State University  
Indang, Cavite

In partial fulfillment  
of the requirements for the degree of  
Bachelor of Science in Electronics and Communications Engineering



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*Acoustic design for the proposed center for  
performing arts building at Cavite State  
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## **ABSTRACT**

**MARGES, MYLINE P. and SHERYLL P. QUIAMBAO, Acoustic Design for the Proposed Center for Performing Arts Building at the Cavite State University – Don Severino De Las Alas Campus, Indang, Cavite.** Undergraduate Design Project. Bachelor of Science in Electronics and Communications Engineering. Cavite State University, Indang, Cavite. April 2005. Adviser: Engr. Michael T. Costa.

The project, Acoustic Design for the Proposed Center for Performing Arts Building at Cavite State University – Don Severino de Las Alas Campus was conducted at the Cavite State University Main Campus from July 2004 to April 2005.

The authors enhanced, developed and applied the skills and knowledge in the various aspects of acoustical design and analysis.

The general objective of the study was to develop an acoustical design for the Center for Performing Arts Building at the Cavite State University – Don Severino De Las Alas Campus. Architect Jun Bayot provided the detailed architectural plans from the Physical Planning Services unit of the university. The structural plans were designed and developed by the previous Civil Engineering students, Mr. Celwyn S. Aure, Mr. Myer Riz A. Crizaldo, and Ms. Frances Grace E. Polinga. Acoustical designs were based from actual computations and analysis.

The cost estimates were computed based on acoustical plans and required scope of works. The material costs were based on the prices advertised from the Internet.

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