

**DEVELOPMENT PLAN OF COLLEGE OF ECONOMICS,
MANAGEMENT AND DEVELOPMENT STUDIES AT
CAVITE STATE UNIVERSITY MAIN CAMPUS**

Design Project

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**DEVELOPMENT PLAN OF COLLEGE OF ECONOMICS,
MANAGEMENT AND DEVELOPMENT STUDIES AT
CAVITE STATE UNIVERSITY MAIN CAMPUS**

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Indang, Cavite

In partial fulfillment
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Bachelor of Science in Civil Engineering



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ABSTRACT

LOPEZ, MARK DANIEL P. and RORALDO, JESSE C. Development Plan of College of Economics, Management and Development Studies at Cavite State University – Main Campus. Undergraduate Design Project. Bachelor of Science in Civil Engineering. Cavite State University Indang, Cavite. April 2013. Adviser: Engr. Renato B. Cubilla.

The Development Plan of College of Economics, Management and Development Studies at Cavite State University – Main Campus was conducted at Cavite State University – Main Campus from June 2012 to March 2013.

The study aimed to prepare a physical development plan and to design a four-storey college extension building. The lot allocated for the college has an area of 6144.64 sq. m. and the proposed building has a lot area of 1414.42 sq. m. The development plan is composed of a four-storey college building, entrepreneur's stalls and student kiosks.

The study includes the architectural plan, structural plans, and cost estimate of the proposed building. It also includes the layout of plumbing and electrical in the proposed four-storey building. Site development plan also includes the drainage, road network, and street lighting layout. The cost estimate for the proposed four-storey college building was Php 44, 342, 197.19.

All specification needed were followed in the design process. Detailed analysis of the design was proven safe and economical after the manual computation of the design.

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An undergraduate design project submitted to the faculty of the Department of Civil Engineering, College of Engineering and Information Technology, Cavite State University, Indang, Cavite in partial fulfillment of the requirements for the degree of Bachelor of Science in Civil Engineering (BSCE) with Contribution No. _____. Prepared under the supervision of Engr. Renato B. Cubilla.

INTRODUCTION

Cavite State University is one of the universities in the province of Cavite that offers numerous courses for the students to choose from. From its pioneer course, Bachelor of Science in Agriculture, various courses are also offered by the university to meet the demands of growing population of the province. In relation to this, many students particularly from Cavite decided to study in the university and as the semester goes by, the students increases rapidly. Due to continuing increase of the students, the university opens satellite campuses in different cities and municipalities in Cavite.

According to the Office of the University Registrar, 25, 986 students were enrolled in the University including satellite campuses during the first semester, AY 2012-2013 while 10, 707 students were enrolled in 48 courses in the Main Campus for the same semester and school year.

Cavite State University-Main Campus has nine colleges and one of it is the College of Economics, Management and Development Studies which has 1, 847 number