



De La Salle University-Dasmariñas

AN ONLINE COMPUTER AIDED INSTRUCTION FOR ELECTRICAL  
INSTALLATION AND MAINTENANCE, COMPUTER  
HARDWARE SERVICING, AND AUTOMOTIVE  
SERVICING OF DE LA SALLE SANTIAGO

ZOBEL – BRAFNS TECHNICAL  
VOCATIONAL SCHOOL

An Undergraduate Research Proposal  
Presented to the Computer Studies Department  
College of Science and Computer Studies  
De La Salle University – Dasmariñas

In Partial Fulfillment of the Requirements

For the Degree of Bachelor

Information Technology

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**ABSTRACT**

<b>Title</b>	An Online Computer Aided Instruction for Electrical Installation and Maintenance, Computer Hardware Servicing, and Automotive Servicing of De La Salle Santiago Zobel – BRafNHS Technical Vocational School
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For many years, the lecture method was the most widely used instructional strategy in college classrooms. In this study, an online computer aided instruction is implemented. It includes the use of computers to teach academic skills and to promote communication and language development skills. The system covers topics namely Electrical Installation and Maintenance,



Computer Hardware Servicing and Automotive Servicing. It is a system that encourages students to learn through new strategies of teaching.

The system is designed for the students of De La Salle Santiago Zobel – BRafENHS Technical Vocational School who are enrolled on the three courses mentioned. It is an online tutorial so it can be easily accessed by the students.

For the proponents to be able to design and develop their proposed system, there is a need for a programming language. The proponents decided to use ASP.NET under the C# platform because it is object-oriented, user-friendly and coding is easier through the use of available IntelliSense. Furthermore, it is used to publish the system online with the use of web designing.



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