

**Online Computer Aided Instruction: Mechanics and Thermodynamics  
For BS Information Technology and BS Computer Science Students  
Of De La Salle University – Dasmariñas**

**An Undergraduate Research Proposal Presented To  
The Computer Studies Department  
College of Science**

**In Partial Fulfillment of the Requirements for the  
Degree of Bachelor of Science in Information Technology**

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## ABSTRACT

The Online Computer Aided Instruction in Mechanics and Thermodynamics is an online tutorial system that covers the topics based on the book: University Physics 11<sup>th</sup> Edition by Young and Freedman.

Online Computer Aided Instruction in Mechanics and Thermodynamics is an online-based computer aided instruction that was designed exclusively for 3<sup>rd</sup> year college students who are taking up Bachelor of Science in Information Technology and Bachelor of Science in Computer Science at De La Salle University-Dasmariñas. It consists of different lesson presentations, flash games, flash simulations, and problem solving activities that would help develop the critical thinking skills of the students.