**Sample Abstract from Dr. John Hansen:**

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Title:  Automatic Temperature  Control for Improved Energy Efficiency in Homes
[should be clear for someone maybe not in your area – stay away from abbreviations which are not obvious to most engineers]
Team Members:  Thomas Edison(EE), Nikola Tesla(EE), Alex G. Bell(EE), Guglielmo Marconi(CE), Samuel Morse(TE)  [Include each team member’s name, and major]

Abstract: This project is focused on the creation of an intelligent climate control system  that can be programmed to independently control the air temperature of several rooms, and thus improve energy efficiency. We developed a new approach to temperature monitoring using new solid state sensors, which are integrated within a feedback control system controlled by a Texas Instruments MSP430 microcontroller, adding to the goals of low cost, low power consumption, and high system reliability.  We will demonstrate a working prototype which includes long term temperature records and field user feedback.  The solution will provide a 16% savings in fuel costs for the average home over the first year, more than paying for itself in just one year. **[116 words in this abstract]**

[Abstract should address: (i) what is your project about? 1 sentence, (ii) what are the main parts/sub-systems/design pieces of your project? 1-2 sentences, (iii) what will you show (or what have you accomplished; key result) of your project? 1 sentence

[DO NOT CHANGE THE FONT IN THIS FILE – email to your Instructor and to Prof. Marco Tacca]

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