

Thomas A. Edison Career & Technical Education High School

165-65 84th Ave. *Jamaica, New York 11432* (718) 297-6580 *Fax (718) 658-0365

Mr. M. Ojeda, *Principal*

Ms. J. Torres, *Instructor*

SUMMER ASSIGNMENT- ELECTRICAL INSTALLATION

Incoming Seniors

Assignment:

Alternating current (AC) and direct current (DC) motors have impacted technology over the course of history. Research both types of motors. Then, compose an argumentative research paper on whether AC or DC motors have made life easier within the electrical installation industry. Within the paper, include the following:

- **Description of AC and DC motors**
- **Comparing and contrasting AC and DC motors (Include advantages, disadvantages and examples)**
- **Pick a side in support of either motors being the most effective in making life easier through real life applications.**

Refer to your English classes that you have taken on how to compose an argumentative essay.

Directions: Compose a 3-4 argumentative paper with margins 1" (top, bottom, left & right), double-spaced, size 12 Times New Roman Font in Microsoft Word. Your report should be professional in tone and use proper grammatical punctuation. Be sure to check your spelling. You should make effective use of illustrations and other visual aids (charts, graphs, pictures, etc.) You can watch videos or read articles to acquire this information.

Due Date:

Your argumentative research paper is due to Ms. Torres by **Friday, September 15, 2017**. The mark you earn will count as a test grade for the first marking period.

CITE ALL SOURCES!!!!!!!!!!