Writing and Communication

The Value of a Multi-Disciplinary Approach in the Fields of Engineering and Computer Science

The main objective of this project was to take on an informative and instructional role in educating technical students the importance of writing and communication within their studies, but also future careers. My research provided background evidence as to why writing and communication were essential to the fields of engineering and computer science. After highlighting the importance of these disciplines and their use in the respective fields, I took on an instructional role. I decided to make this part of the project cover the foundational elements of how to write in the technical disciplines by covering identifying the audience, using active voice, reducing language complexity, and the benefits of revision. The added benefit of my project is it comes with an audio recording of an interview I had with Dr. Richards in the ODU English Department. The interview serves as additional information for my audience from an individual who is knowledgeable about the subject of my project.

After doing extensive research on where to publish my project, I found a suitable academic journal that I could possibly submit my work to. The journal is called the *Journal of Engineering Education.* This online journal is found on the Wiley Online Library and contains a host of articles from professors, scholars, and employees that are involved in engineering and other technology related fields such as computer science. In fact, this journal is listed in the Science Citation Index with categories in Education, Scientific Disciplines, Engineering, and

Multidisciplinary ("Journal of Engineering Education (JEE): American Society for Engineering Education"). Since this journal covers such a wide array of topics such as Multidisciplinary studies, I found that this was the best source for making my project public. This journal will allow me to use my English discipline to explain the benefit that writing and communication have in the fields of technology related to engineering and computer science. I hope to offer a fresh perspective on this topic from the research I have conducted.

In order to publish my article, I created an account through the journal on the website called manuscriptcentral.com. There is a seven step process that an author must take before submitting their work. First, I would have to submit the title and the abstract of my article in the boxes provided. Second, the site asks me to list keywords that are contained within my article to allow users to find it more easily. Third, I would need to add any authors that helped contribute to my work. Fourth, select reviewers and editors to peer review the article. Fifth, it is necessary for me to post a cover letter of the article to be prepared for submission. Finally, the sixth and seventh steps require me to upload my article and then submit to be reviewed by the editors of the journal publication. In conclusion, this journal is the best candidate for my article since it falls within a similar context with the other articles already posted.

References

Journal of Engineering Education (JEE): American Society for Engineering Education. (n.d.).

    Retrieved December 1, 2015, from https://www.asee.org/papers-and-

    publications/publications/jee