

IEN 351
Workplace Safety Case Study
Discussion Case

Over a year ago, the FIU pedestrian bridge collapse during construction and several people were killed. Recently the Miami Herald has reported on what has been deemed the causes of the accident and that “Group Think” is a major contributor to this accident.

In your groups today in class, you are to research the following about your case.

- **What happened?** – Describe the nature of the case/accident/incident and the consequences in terms of fatalities, injuries, and costs (including property loss and compensation)
- **What was the cause of the accident?** Describe the failure in either the equipment, process, procedure, training or personnel that led to the accident.
- **What was the ethical dilemma? What has been done to ensure that a similar ethical dilemma does not occur?** - lessons learned from the accident in regards to safety, laws passed, processes changed etc...

Requirements:

Day 1 (Prior November 8, 2019):

1. Individual accountability and responsibility: Each team member researches the case to find a minimum of 3 sources that have information regarding the incident. You are required to do research outside the textbook. It is ok to be controversial.
2. Each student must prepare a summary/notes of the key information from each of the three sources they found. Group members cannot have overlapping sources so as a group I am expecting 9 – 12 different sources.
3. On November 8, 2019, you are to come to class with your individual portions completed.

Research information-

A key to successful research is to use reliable, high-quality information sources. While high quality information can be found on the open Web, it can be hard to pick out from the vast amounts of unreliable and unsourced material that also exist there. Using the library is the best way to ensure you are using the best research sources. The University of Miami Libraries have millions books, articles from scholarly journals, magazines and newspapers as well as videos, reference materials and a wide range of other materials all collected, categorized and organized for your convenience, much of it available online.

Along with the website, the library's most useful resources are the librarians who are there to help you find the information you need for your work by pointing you to the most appropriate resources and showing you the best search techniques. Each of the librarians in the Education and Outreach department specializes in different subject areas. Please ask at the library for the Engineering Librarian. You can also find help at the Reference Desk just inside the Richter Library turnstiles and the Ask-a-Librarian e-mail and IM services on the library website.