Objective: The West African country of Ghana has been a dumping ground for electronic waste (e-waste) for decades. In this lesson, the student will get a preview of the current e-waste situation in Ghana and will discuss steps they can take to reduce the impact of e-waste on third world countries.

Materials: A computer with a projector and access to the Internet.

Activities and Procedures:

I. Students and instructor will watch the video titled “Dateline – E-Waste in Ghana” on YouTube (https://www.youtube.com/watch?v=bxcdFzyR8g). (30 minutes)

II. After the video, the instructor asks the students for their reaction to the video to check their understanding of the topic being covered. (10 minutes)

III. Instructor asks specific questions to direct the students to think about their own impact on the environment through the production of e waste. (15 minutes)

   For Example:
   a. How do you dispose of your electronic devices?
   b. What can you do to avoid throwing away your unwanted electronic devices?

IV. Instructor divides the students in group of 4 and assigns each group with the task of coming up with an action item they will embark on to reduce their impact on the environment by reducing their e-waste footprint. (20 Minutes).

Homework: Students will write a one page reflection based on the video, class discussion and group work. Due the following class.

Miami Dade College General Education Outcomes:

1. Communicate effectively using listening, speaking, reading, and writing skills.
3. Solve problems using critical and creative thinking and scientific reasoning.
6. Create strategies that can be used to fulfill personal, civic, and social responsibilities.
7. Demonstrate knowledge of ethical thinking and its application to issues in society.
8. Use computer and emerging technologies effectively.
10. Describe how natural systems function and recognize the impact of humans on the environment.