TADT 4932 (4385) Sustainability and Emerging Technologies

Ethics and Sustainability in Technology Assignment*

Requirements: Each student will submit a technology or a technological item for a topic, to the instructor for approval to research and report to the class. Students will write a four to six page report comparing and contrasting their worldviews to their selected topic. The report will have a minimum of five cited sources supporting their ethical opinions and be written in APA 6th edition formatting. When reporting their topic to the class, the presentation will be a formal presentation and consist of 5 to 8 Power Point (PP) slides with visual images, photos, charts or a short video clip and include PP notes. Students will submit a complete e-file of their written report and PP presentation to the D2L drop-box. On the day of their presentation they will submit a paper copy of everything to the instructor.

*This assignment will be used for Task Stream Assessment Mapping.

Details/Description: Students will explore and apply sustainability and emerging practices in industrial applications through a series of assignments. The ethics and sustainability in technology will be achieved through group research presentation.

Acceptable Target (optional): At least 90% of the students will demonstrate a higher level (70 % or higher) of performance on applying sustainability and ethical practices to address real world problems.

Ideal Target (optional): See the attached presentation/research project requirements and rubric.

Implementation Plan (timeline): This course is offered once a year.

Key/Responsible Personnel: The instructor of record for TADT 4385.