

Comets to the Core Assignment Fall 2022

Overview

[The Comets to the Core Project](#) is a 5-week experience that includes a series of mini-assignments, culminating with an individual written response and group presentation. The Project is administered in both [UNIV 1010](#) and [UNIV 2020](#). You will complete the Project twice: (1) as a first-semester freshman and (2) after you have fulfilled the [Core Curriculum](#) requirements, usually in your junior year.

The Core Curriculum is designed to provide you with a set of foundational skills, regardless of major in the following areas (please see the Comets to the Core website for a detailed description):

1. Critical Thinking
2. Communication Skills (oral and written)
3. Teamwork
4. Social Responsibility
5. Personal Responsibility
6. Empirical and Quantitative Skills

Our aim is to determine how well you can demonstrate these skills that are directly linked to success in your major courses and future career. Below you will find general instructions and brief details about the problem that you will be addressing.

Instructions

The University's purpose is to gather information about students use these skills when completing a problem-solving task. The problem that you will be presented is a complex problem that may have multiple solutions.

The purpose of the task is for you to reason through the problem and solutions themselves. The Project does not seek to find a right or wrong solution. Instead, we want you to justify your response and clearly communicate your argument for why some solutions are better than others. The two assignments, an individual written response followed by a group presentation, invites you to examine the problem. More information can be found on E-Learning.

The Problem

The City of Dallas is developing plans for more sustainable public transportation. According to a recent study, 65% of Dallas area residents who need public transportation spend an average of 1.5 hours per one-way trip on their commute to work. Because of limited access to public transportation, Dallas-area residents spends more than 19% of its household income on personal transit. **Why is this important?** The United Nations deemed sustainable cities and communities, including public transportation, a high priority that countries must address in

order to combat complex challenges for the world population.

You have been provided with a document library (via e-learning) containing information about this problem and potential solutions. These documents are the only set of tools needed to complete your assignments. Please be sure to read/watch/listen to each document carefully to gain a thorough understanding of the challenge that exists in Dallas.

Individual Essay Due: September 16, 2022, by 11:59PM

Group Presentation Due: September 23, 2022 by 11:59PM