Registration Form

TEAM INFORMATION

Team Name/Project Title: RTD Communications and Q.o.S
Department: Electrical Engineering
Faculty Advisor: Jeff Selman
Team Members: Patrick Mitchell, Trevor Schlosser, Brandon Brown

PROJECT INFORMATION

Description:

We seek to provide an improvement for public transportation users’ experience with the implementation of radio communications.

Abstract:

In our project we intend to design, build and operate a radio communication system for better quality of service for mass transit users. In turn, we posit such a system can improve perceived Q.o.S. through technological integration, thereby raising user rates, and improving revenues. Also our group believes that this can also reduce operating costs by way of reduced fuel costs. All things considered together the output of our project is a win-win for users and operators, potentially benefitting many people. The main design requirements (self-imposed) were determined through consideration for a real-world operable prototype including simplicity, functionality and feasible capital expenditure.